

## Rabbit CD316 / IGSF8 Polyclonal Antibody | anti-CD316 antibody

Rabbit Polyclonal to Human CD316 / IGSF8

| CATALOG # | HOST   | REACTIVITY                                                                                                                  | APPLICATIONS                                                                                                          |
|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| AAA52097  | Rabbit | Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan, Rabbit<br>Guinea pig, Pig (at least 90% immunogen sequence identity) | Predicted Reactivity: Bat, Bovine, Guinea pig, Pig (at least 90% immunogen sequence identity)<br>Immunohistochemistry |

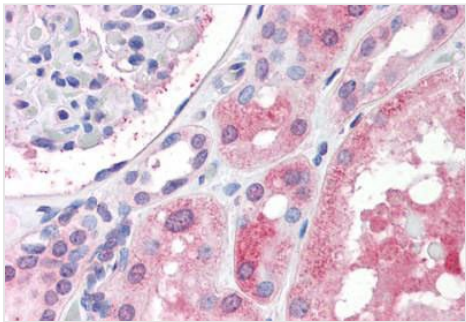
### PRODUCT SYNONYMS

CD316 / IGSF8; Polyclonal Antibody; Rabbit Polyclonal to Human CD316 / IGSF8; Anti-CD316 / IGSF8 Antibody (Internal) IHC-plus; IGSF8; CD316 antigen; CD81 partner 3; CD81P3; KCT4; LIR-D1; CD316; EW1-2; EW12; KCT-4; PGRL; Human CD316; anti-CD316 antibody

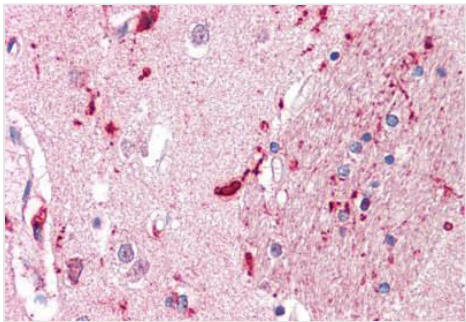
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                      | Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan, Rabbit<br><b>Predicted Reactivity:</b> Bat, Bovine, Guinea pig, Pig (at least 90% immunogen sequence identity)                                                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                           |
| Specificity                                     | Human IGSF8. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except BOC (67%), CD101 (67%), FLT1 (53%).                                                                                                                                                                                        |
| Purity/Purification                             | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                              |
| Form/Format                                     | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                                              |
| Concentration                                   | 0.6 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                            |
| Sequence Length                                 | 613                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-CD316 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                           |
| Target Species                                  | Human                                                                                                                                                                                                                                                                                                                                |
| Immunogen Description                           | Synthetic 15 amino acid peptide from internal region of human IGSF8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Rabbit (100%); Panda, Bovine, Bat, Pig, Guinea pig (93%).                                                                                 |
| Immunogen Type                                  | Synthetic peptide                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                       | CD316 / IGSF8 antibody was raised against synthetic 15 amino acid peptide from internal region of human IGSF8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Rabbit (100%); Panda, Bovine, Bat, Pig, Guinea pig (93%); Mouse, Opossum (87%); Elephant (80%). |
| Antigen Modification                            | Internal                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                         | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                                                     |

IMAGES



**IHC (Immunohistochemistry)**  
Anti-IGSF8 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-IGSF8 antibody IHC of human brain, putamen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD316 antibody | IGSF8/PGRL/EWI-2 is a membrane protein that contains 4 Ig domains and forms highly proximal, specific and stoichiometric complexes with both CD9 and CD81 a tetraspanin. Tetraspanins and their molecular partners form primary complexes that then undergo tetraspanin-tetraspanin interactions to form a network of molecular interactions called a tetraspanin web. |
| Product Categories/Family for anti-CD316 antibody   | Family: Immunoglobulin                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 16445029                                                                                                                                                                                 |
| NCBI GeneID                      | 93185                                                                                                                                                                                    |
| NCBI Accession #                 | NP_443100.1                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_052868.4                                                                                                                                                                              |
| UniProt Accession #              | Q969P0; Q8NG09; Q96DP4; Q9BTG9                                                                                                                                                           |
| Molecular Weight                 | 55,808 Da                                                                                                                                                                                |
| NCBI Official Full Name          | immunoglobulin superfamily member 8                                                                                                                                                      |
| NCBI Official Synonym Full Names | immunoglobulin superfamily, member 8                                                                                                                                                     |
| NCBI Official Symbol             | IGSF8                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | EWI2; PGRL; CD316; EWI-2; KCT-4; CD81P3; LIR-D1                                                                                                                                          |
| NCBI Protein Information         | immunoglobulin superfamily member 8; CD81 partner 3; prostaglandin regulatory-like protein; glu-Trp-Ile EWI motif-containing protein 2; keratinocytes-associated transmembrane protein 4 |
| UniProt Protein Name             | Immunoglobulin superfamily member 8                                                                                                                                                      |
| UniProt Gene Name                | IGSF8                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | CD81P3; EWI2; KCT4; IGSF8; EWI-2; KCT-4; PGRL                                                                                                                                            |
| UniProt Entry Name               | IGSF8_HUMAN                                                                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.