

## Rabbit ATP Binding Cassette Transporter A5 Polyclonal Antibody | anti-ABCA5 antibody

Polyclonal Antibody to ATP Binding Cassette Transporter A5 (ABCA5)

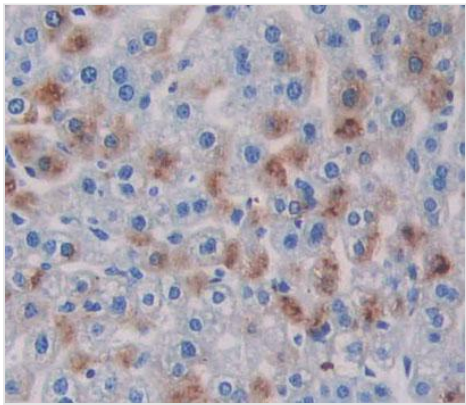
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA145638 | Rabbit | Mouse, Human, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

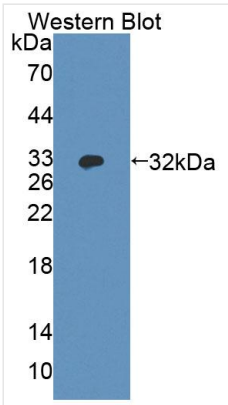
ATP Binding Cassette Transporter A5; Polyclonal Antibody; Polyclonal Antibody to ATP Binding Cassette Transporter A5 (ABCA5); ABC-A5; anti-ABCA5 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                                      | Mouse, Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against ABCA5. It has been selected for its ability to recognize ABCA5 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                        |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-ABCA5 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                         |
| Fragment                                        | ABCA5 (Val1401~Phe1642)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunoglobulin Type                             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Quality Control                                 | Content: The quality control contains recombinant ABCA5 (Val1401~Phe1642) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                           |



IHC (Immunohiostchemistry)  
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 146134400                                                      |
| NCBI GeneID                      | 217265                                                         |
| NCBI Accession #                 | NP_671752.2                                                    |
| NCBI GenBank Nucleotide #        | NM_147219.2                                                    |
| UniProt Accession #              | Q8K448; Q3TE17; Q3UUB4; Q6P1Y0; Q6ZPG4; Q810C7; Q8BM46; Q8BXG7 |
| Molecular Weight                 | 185,895 Da                                                     |
| NCBI Official Full Name          | ATP-binding cassette sub-family A member 5                     |
| NCBI Official Synonym Full Names | ATP-binding cassette, sub-family A (ABC1), member 5            |
| NCBI Official Symbol             | Abca5                                                          |
| NCBI Official Synonym Symbols    | ABC13; mKIAA1888; B930033A02Rik                                |
| NCBI Protein Information         | ATP-binding cassette sub-family A member 5                     |
| UniProt Protein Name             | ATP-binding cassette sub-family A member 5                     |
| UniProt Gene Name                | Abca5                                                          |
| UniProt Synonym Gene Names       | Kiaa1888                                                       |

**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.