

## Goat EFNA5 Antibody | anti-EFNA5 antibody

Goat anti-EFNA5 Antibody

| CATALOG # | HOST | REACTIVITY                                                   | APPLICATIONS                |
|-----------|------|--------------------------------------------------------------|-----------------------------|
| AAA61865  | Goat | HumanExpected from sequence similarity: Mouse, Rat, Dog, Cow | Immunohistochemistry, ELISA |

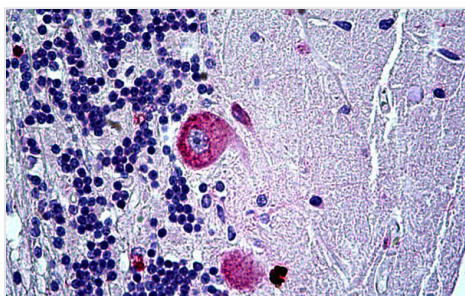
### PRODUCT SYNONYMS

EFNA5; Goat anti-EFNA5 Antibody; ephrin-A5; AF1; EFL5; EPLG7; GLC1M; LERK7; RAGS; eph-related receptor tyrosine kinase ligand 7; anti-EFNA5 antibody

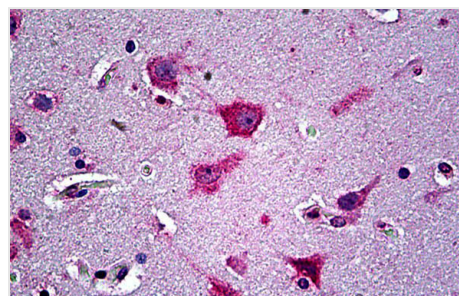
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                  |
| Reactivity                                      | Human<br>Expected from sequence similarity: Mouse, Rat, Dog, Cow                                                                      |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                   | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Applicable Applications for anti-EFNA5 antibody | IHC (Immunohistochemistry), ELISA (Peptide ELISA)                                                                                     |
| Immunogen                                       | Peptide with sequence C-DDTVHESAEPSR, from the internal region of the protein sequence according to NP_001953.1.                      |
| Epitope                                         | internal region                                                                                                                       |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



**IHC (Immunohistochemistry)**  
AAA61865 (3.75ug/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**IHC (Immunohistochemistry)**  
AAA61865 (3.75ug/ml) staining of paraffin embedded Human Brain Cortex. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Li JJ, Liu DP, Liu GT, Xie D.; EphrinA5 acts as a tumor suppressor in glioma by negative regulation of epidermal growth factor receptor.; Oncogene 2009 Apr 28 (15): 1759-68.; PMID: 19270726 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4503487                                                                |
| NCBI GeneID                      | 1946                                                                   |
| NCBI Accession #                 | NP_001953.1                                                            |
| NCBI GenBank Nucleotide #        | NM_001962.2                                                            |
| UniProt Accession #              | P52803                                                                 |
| Molecular Weight                 | 26,297 Da                                                              |
| NCBI Official Full Name          | ephrin-A5                                                              |
| NCBI Official Synonym Full Names | ephrin-A5                                                              |
| NCBI Official Symbol             | EFNA5                                                                  |
| NCBI Official Synonym Symbols    | AF1; EFL5; RAGS; EPLG7; GLC1M; LERK7                                   |
| NCBI Protein Information         | ephrin-A5; AL-1; LERK-7; eph-related receptor tyrosine kinase ligand 7 |
| UniProt Protein Name             | Ephrin-A5                                                              |
| UniProt Gene Name                | <b>EFNA5</b>                                                           |
| UniProt Synonym Gene Names       | EPLG7; LERK7; LERK-7                                                   |
| UniProt Entry Name               | EFNA5_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.

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Online datasheet: <https://stage.aaabiotech.com/goat-cow-dog-human-mouse-rat-antibody/efna5/61865>