

## Rabbit GLRA1 Polyclonal Antibody | anti-GLRA1 antibody

GLRA1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA306020</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

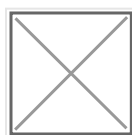
### PRODUCT SYNONYMS

GLRA1; Polyclonal Antibody; GLRA1 Antibody; STHE; HKPX1; anti-GLRA1 antibody

### PRODUCT SPECIFICATIONS

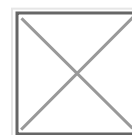
|                                                 |                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                                             |
| Clonality                                       | Polyclonal                                                                                                    |
| Specificity                                     | The antibody detects endogenous levels of total GLRA1 protein.                                                |
| Purity/Purification                             | Antigen affinity purification.                                                                                |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                               |
| Concentration                                   | 1.1 mg/ml (varies by lot)                                                                                     |
| Sequence Length                                 | 449                                                                                                           |
| Applicable Applications for anti-GLRA1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                 |
| Immunogen Type                                  | Peptide                                                                                                       |
| Immunogen Description                           | Synthetic peptide corresponding to a region derived from internal residues of human Glycine receptor, alpha 1 |
| Target Name                                     | GLRA1                                                                                                         |
| Preparation and Storage                         | Store at -20 degree C                                                                                         |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



#### Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse brain and human fetal brain tissue  
Amount of lysate: 40ug per lane Primary antibody: 1/500 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GLRA1 antibody | The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Two transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-GLRA1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 119372310                                  |
| NCBI GeneID                      | 2741                                       |
| NCBI Accession #                 | NP_000162.2                                |
| NCBI GenBank Nucleotide #        | NM_000171.3                                |
| UniProt Accession #              | P23415; Q14C77; Q6DJV9; B2R6T3             |
| Molecular Weight                 | 51,693 Da                                  |
| NCBI Official Full Name          | glycine receptor subunit alpha-1 isoform 2 |
| NCBI Official Synonym Full Names | glycine receptor, alpha 1                  |
| NCBI Official Symbol             | GLRA1                                      |
| NCBI Official Synonym Symbols    | STHE; HKPX1                                |
| NCBI Protein Information         | glycine receptor subunit alpha-1           |
| UniProt Protein Name             | Glycine receptor subunit alpha-1           |
| UniProt Gene Name                | GLRA1                                      |
| UniProt Entry Name               | GLRA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/glra1-antibody-immunohistochemistry-western-blot-elisa/306020>