

## GLRA1 RABBIT PAB

**Cat.#:** S220288

**Product Name:** Anti-GLRA1 Rabbit Polyclonal Antibody

**Synonyms:** STHE; HKPX1

**UNIPROT ID:** P23415 (Gene Accession - NP\_000162 )

**Background:** 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.

**Immunogen:** Synthetic peptide of human GLRA1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

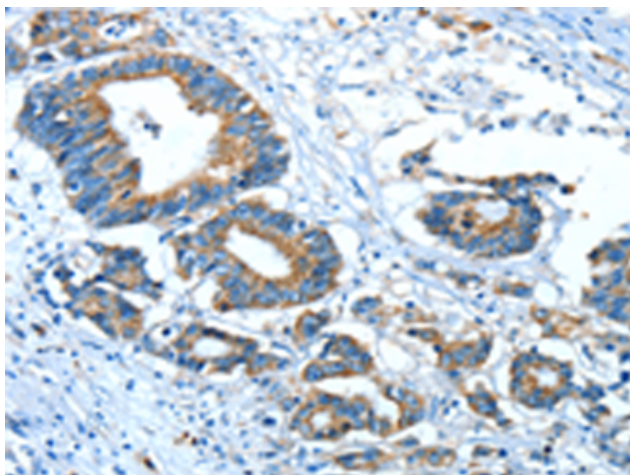
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

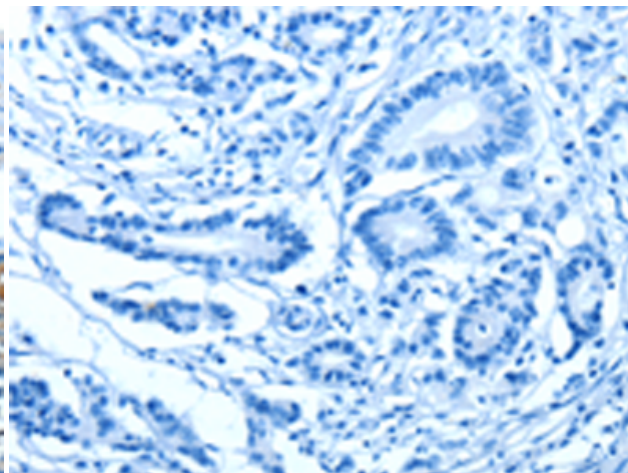
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

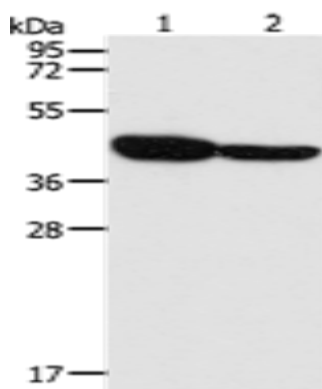
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220288 (GLRA1 Antibody) at a dilution of 1/30 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220288 (Anti-GLRA1 Antibody) at dilution 1/30.



Gel: 10% SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane 1-2: Mouse brain tissue, Human fetal brain tissue;  
Primary antibody: 220288 (GLRA1 Antibody) at dilution 1/500;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 minute