

## GABARAP RABBIT PAB

**Cat.#:** S219453

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

**Synonyms:** MM46; ATG8A; GABARAP- $\alpha$

**UNIPROT ID:** O95166 (Gene Accession - BC106749 )

**Background:** Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq, Jul 2008]

**Immunogen:** Fusion protein of human GABARAP

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 200-400;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

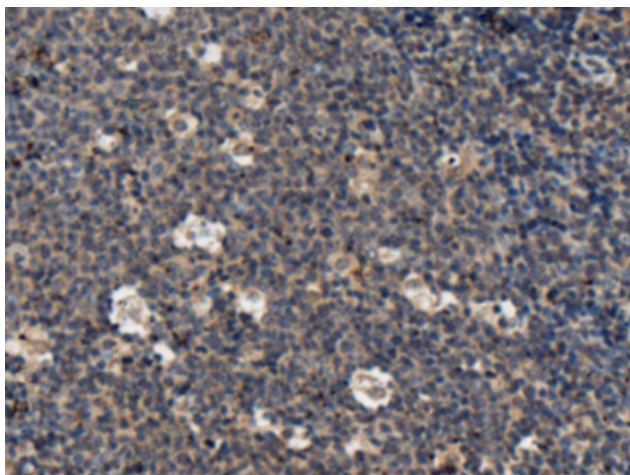
**Purification:** Antigen affinity purification

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

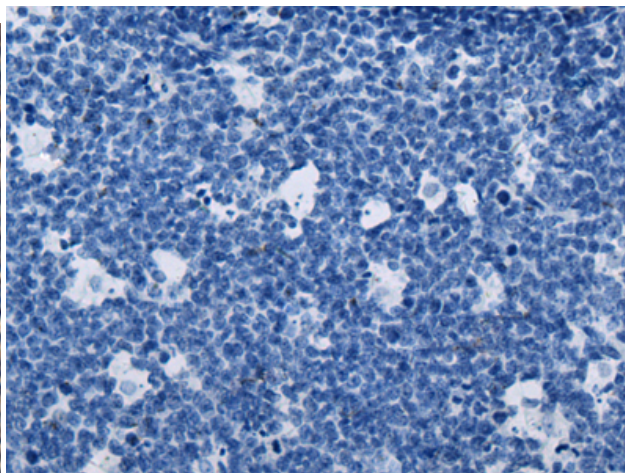
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology, Neuroscience

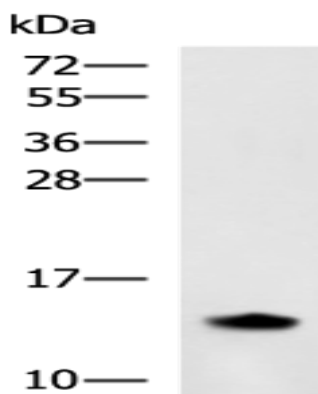
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219453(GABARAP Antibody) at a dilution of 1/160(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 219453(Anti-GABARAP Antibody) at dilution 1/160.



Gel: 12%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: HepG2 cell lysate;  
Primary antibody: 219453(GABARAP Antibody) at dilution 1/1150;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 3 minutes