

## IQGAP1 RABBIT PAB

**Cat.#:** S221445

**Product Name:** Anti-IQGAP1 Rabbit Polyclonal Antibody

**Synonyms:** SAR1; p195; HUMORFA01

**UNIPROT ID:** P46940 (Gene Accession - NP\_003861)

**Background:** This gene encodes a member of the IQGAP family. The protein contains four IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. Expression of the protein is upregulated by gene amplification in two gastric cancer cell lines.

**Immunogen:** Synthetic peptide of human IQGAP1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

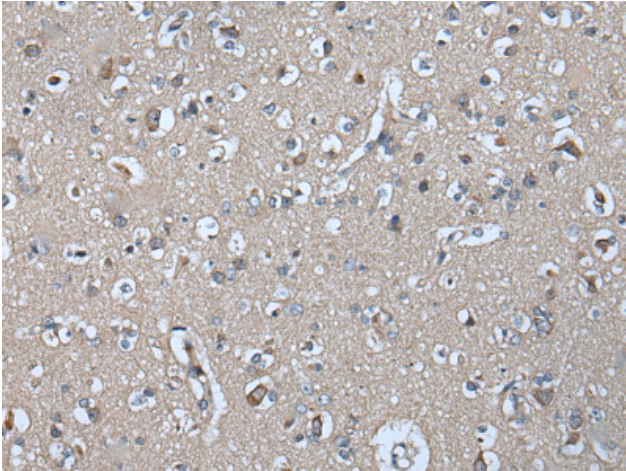
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

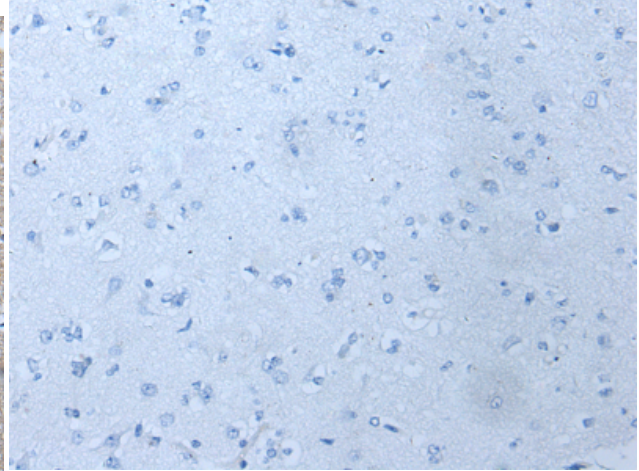
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

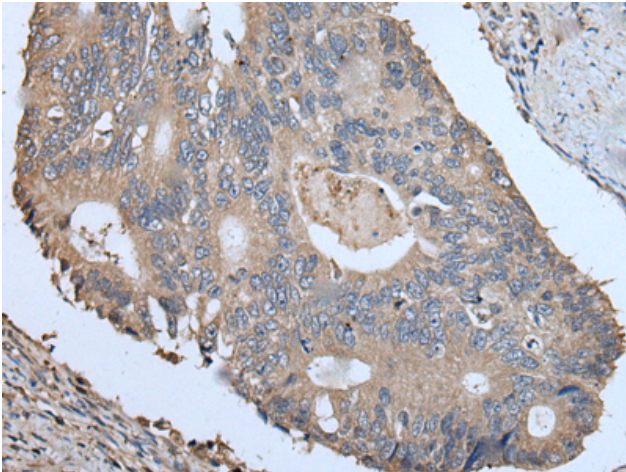
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



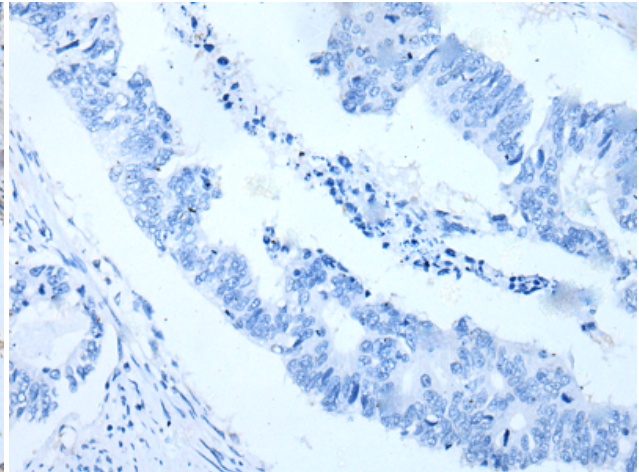
Immunohistochemistry analysis of paraffin-embedded Human brain tissue using 221445(IQGAPI Antibody) at a dilution of 1/25(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 221445(Anti-IQGAPI Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 221445(Anti-IQGAPI Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D263039(Anti-IQGAPI Antibody) at dilution 1/25.