

## SLC2A2 RABBIT PAB

**Cat.#:** S219821

**Product Name:** Anti-SLC2A2 Rabbit Polyclonal Antibody

**Synonyms:** GLUT2

**UNIPROT ID:** P11168 (Gene Accession - NP\_000331)

**Background:** This gene encodes an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. The encoded protein mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. Mutations in this gene are associated with susceptibility to diseases, including Fanconi-Bickel syndrome and noninsulin-dependent diabetes mellitus (NIDDM). Alternative splicing results in multiple transcript variants of this gene.

**Immunogen:** Synthetic peptide of human SLC2A2

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

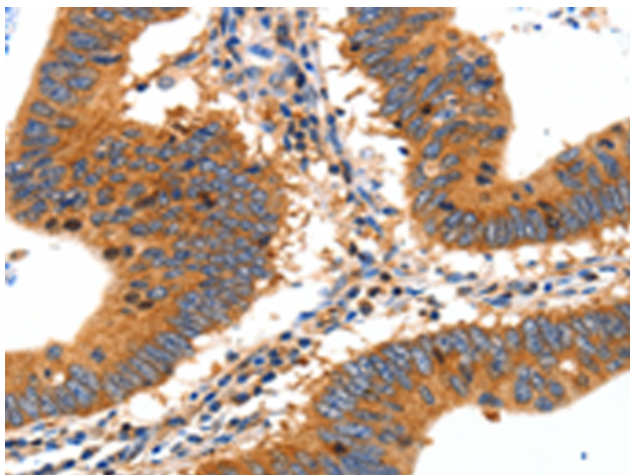
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

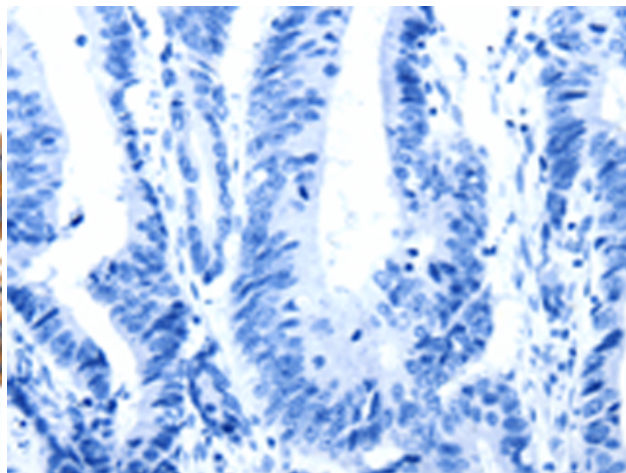
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cancer

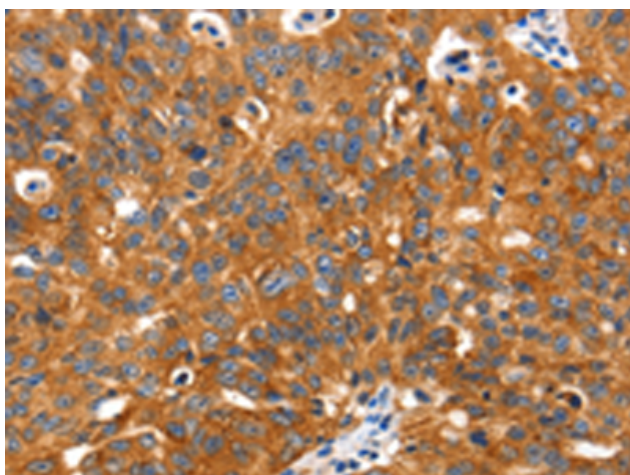
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



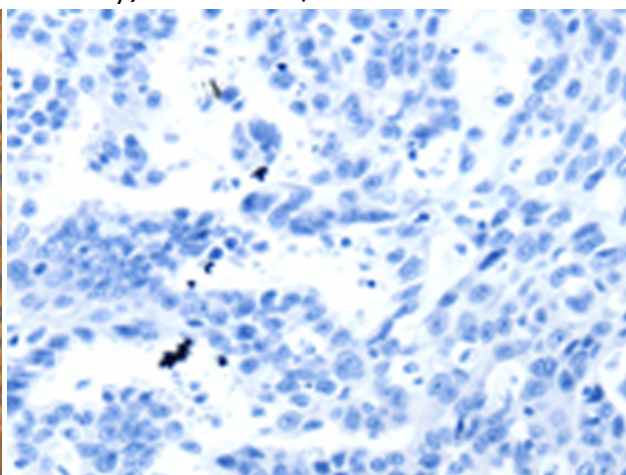
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 219821(SLC2A2 Antibody) at a dilution of 1/30(Cytoplasm, Cell membrane).



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 219821(Anti-SLC2A2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 219821(Anti-SLC2A2 Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D260434(Anti-SLC2A2 Antibody) at dilution 1/30.