

SLC39A5 RABBIT PAB

Cat.#: S214700

Product Name: Anti-SLC39A5 Rabbit Polyclonal Antibody

Synonyms: ZIP5; MYP24; LZT-Hs7

UNIPROT ID: Q6ZMH5 (Gene Accession - NP_001128667)

Background: The protein encoded by this gene belongs to the ZIP family of zinc transporters that transport zinc into cells from outside, and play a crucial role in controlling intracellular zinc levels. Zinc is an essential cofactor for many enzymes and proteins involved in gene transcription, growth, development and differentiation. Mutations in this gene have been associated with autosomal dominant high myopia (MYP24). Alternatively spliced transcript variants have been found for this gene.

Immunogen: Synthetic peptide of human SLC39A5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-50;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

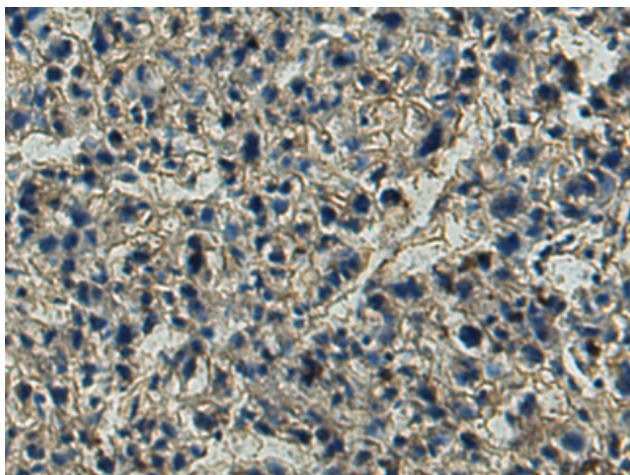
Purification: Antigen affinity purification

Species Reactivity: Human

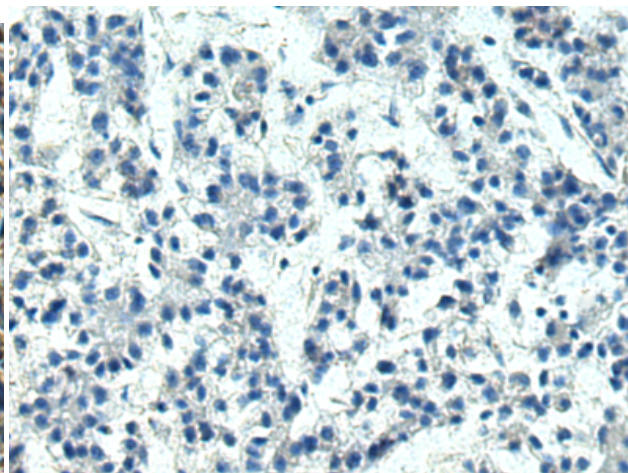
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

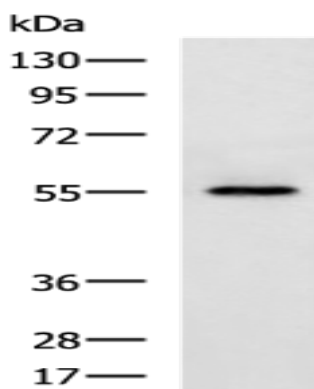
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214700 (SLC39A5 Antibody) at a dilution of 1/25 (Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 214700 (Anti-SLC39A5 Antibody) at dilution 1/25.



Gel: 8% SDS-PAGE, Lysate: 40 μ g;
Lane: Human placenta tissue lysate;
Primary antibody: 214700 (SLC39A5 Antibody) at dilution 1/600;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 2 minutes