

OLR1 RABBIT PAB

Cat.#: S220111

Product Name: Anti-OLR1 Rabbit Polyclonal Antibody

Synonyms: LOX1; LOXIN; SLOX1; CLEC8A; SCARE1

UNIPROT ID: P78380 (Gene Accession - NP_001166103)

Background: This gene encodes a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This gene is regulated through the cyclic AMP signaling pathway. The encoded protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternate splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human OLR1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

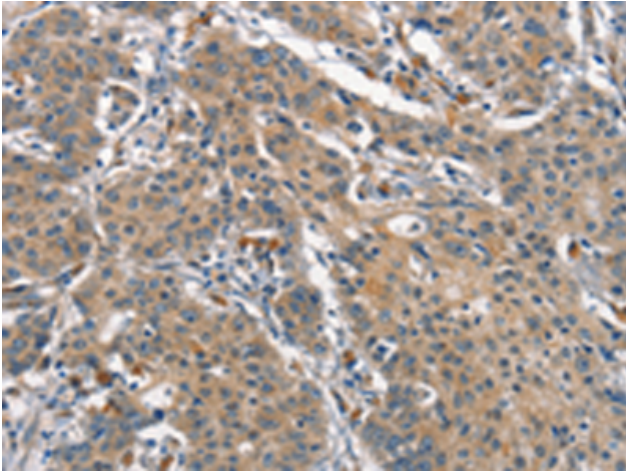
Purification: Antigen affinity purification

Species Reactivity: Human

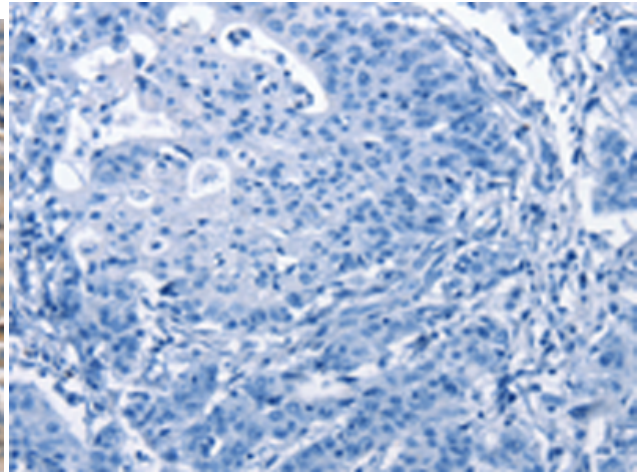
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cardiovascular

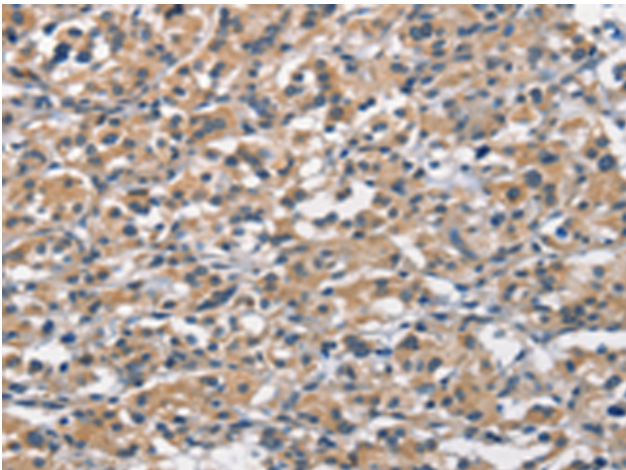
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



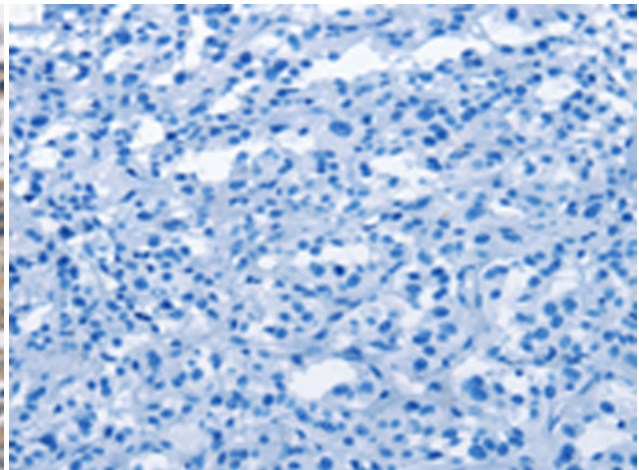
Immunohistochemistry analysis of paraffin-embedded Human gastric cancer tissue using 220111 (OLR1 Antibody) at a dilution of 1/25 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220111 (Anti-OLR1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220111 (Anti-OLR1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D260972 (Anti-OLR1 Antibody) at dilution 1/25.