

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

LOX RABBIT PAB

Cat.#: S219643

Product Name: Anti-LOX Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: P28300 (Gene Accession - NP_002308)

Background: This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a regulatory propertide and the mature enzyme. The copper-dependent amine oxidase activity of this enzyme functions in the crosslinking of collagens and elastin, while the propertide may play a role in tumor suppression.

Immunogen: Synthetic peptide of human LOX

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;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 Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

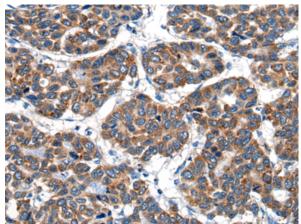
Research Areas: Signal Transduction, Cardiovascular

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

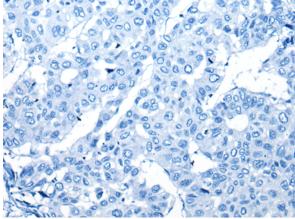


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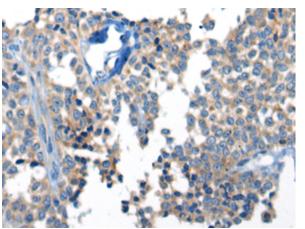
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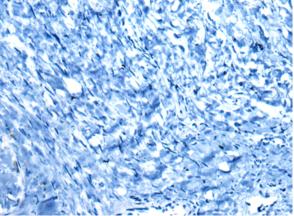
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219643(LOX Antibody) at a dilution of 1/25(Secreted).



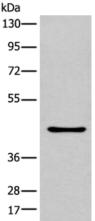
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 219643(Anti-LOX Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 219643(Anti-LOX Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D260069(Anti-LOX Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Rat brain tissue lysate;

Primary antibody: 219643(LOX Antibody) at

dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute



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