

SPR RABBIT PAB

Cat.#: S220347

Product Name: Anti-SPR Rabbit Polyclonal Antibody

Synonyms: SDR38C1

UNIPROT ID: P35270 (Gene Accession - NP_003115)

Background: This gene encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH₄). Mutations in this gene result in DOPA-responsive dystonia due to sepiaterin reductase deficiency. A pseudogene has been identified on chromosome 1.

Immunogen: Synthetic peptide of human SPR

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 1000-5000;ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

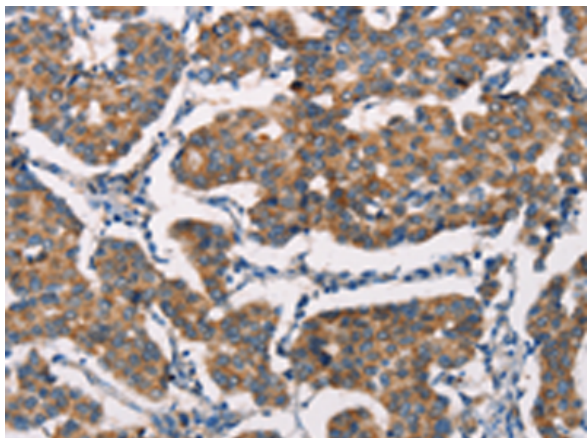
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

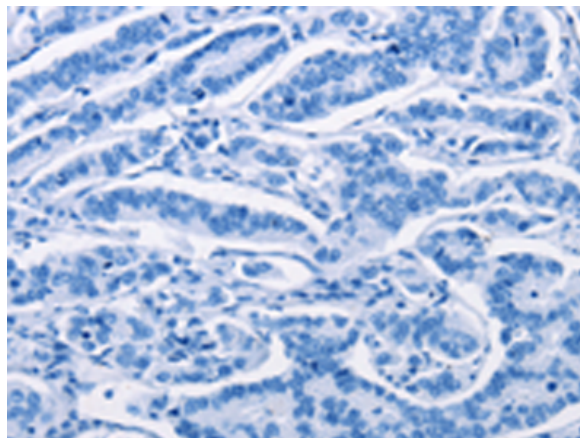
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Neuroscience

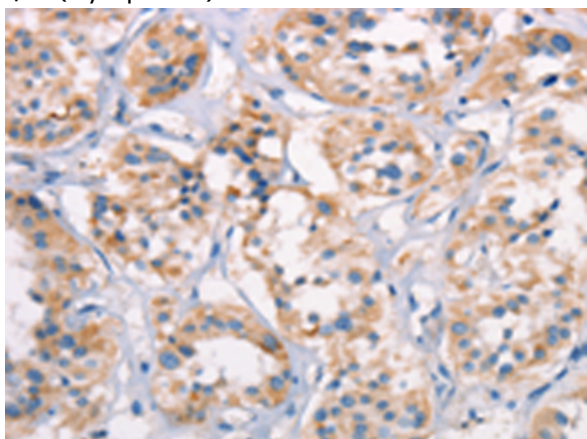
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



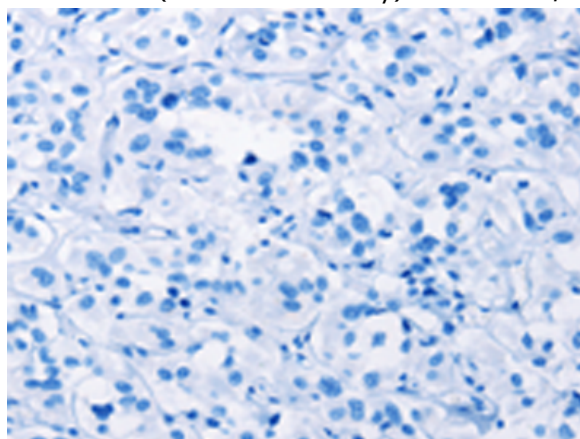
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 220347 (SPR Antibody) at a dilution of 1/20 (Cytoplasm).



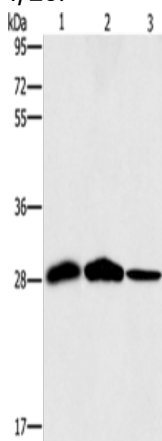
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 220347 (Anti-SPR Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220347 (Anti-SPR Antibody) at a dilution of 1/20.



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 D261398 (Anti-SPR Antibody) at dilution 1/20.



Gel: 10% SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Mouse liver tissue, human chromaffin cell tumor tissue, hepG2 cells;
 Primary antibody: 220347 (SPR Antibody) at dilution 1/1500;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 10 seconds



Product Description

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