

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GRIN2D RABBIT PAB

Cat.#: S219954

Product Name: Anti-GRIN2D Rabbit Polyclonal Antibody

Synonyms: EB11, NR2D, GluN2D, NMDAR2D

UNIPROT ID: 015399 (Gene Accession - NP_000827)

Background: N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B

(GRIN2B), NMDAR2C (GRIN2C), and NMDAR2D (GRIN2D).

Immunogen: Synthetic peptide of human GRIN2D

Applications: ELISA, IHC

Recommended Dilutions: IHC: 15-50; ELISA: 1000-2000

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

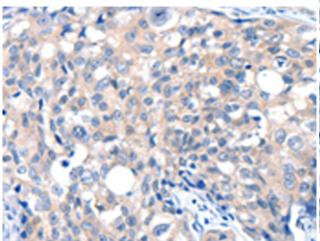
Research Areas: Neuroscience

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

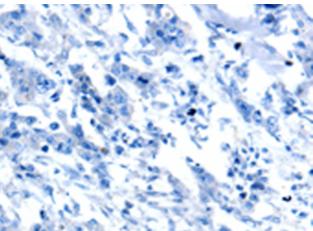


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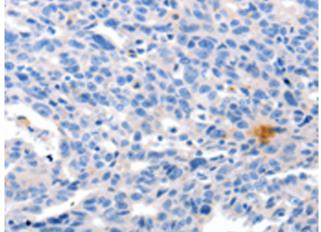
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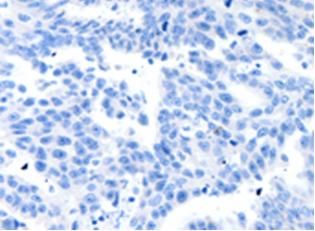
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219954(GRIN2D Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219954(Anti-GRIN2D Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 219954(Anti-GRIN2D Antibody) at a dilution of 1/30.



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 D260675(Anti-GRIN2D Antibody) at dilution 1/30.