Anti-GRIN2D antibody

Cat. No.	ml260675
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-GRIN2D rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human GRIN2D
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GRIN2D
Full name	glutamate receptor, ionotropic, N-methyl D-aspartate 2D
Synonyms	EB11, NR2D, GluN2D, NMDAR2D
Swissprot	O15399

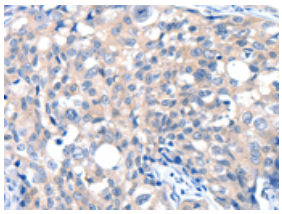
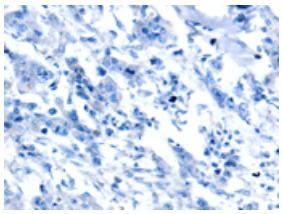
Target Background

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).

Applications

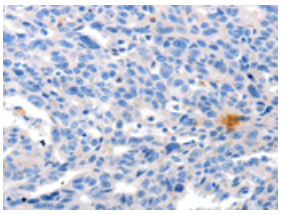
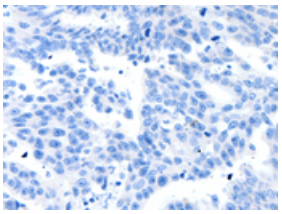
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human breast cancer
Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml260675(GRIN2D Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human ovarian cancer
Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml260675(GRIN2D Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000

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