bs-1072R

• Rabbit Anti-NR2D/NMDAR2D Polyclonal Antibody

Primary Antibodies

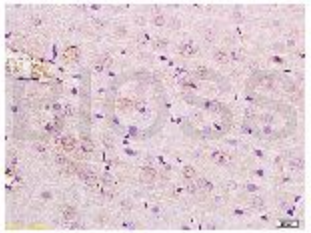
Background:
NR2D is a NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. NR2D is expressed in the brain; it is detected in embryonic stages, peaks at postnatal day 7, and decreases thereafter to adult levels.
[FUNCTION] NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. [SUBUNIT] Forms heteromeric channel of a zeta subunit (GRIN1), a epsilon subunit (GRIN2A, GRIN2B, GRIN2C or GRIN2D) and a third subunit (GRIN3A or GRIN3B). Interacts with PDZ domains of INADL and DLG4. [SUBCELLULAR LOCATION] Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. [TISSUE SPECIFICITY] Expressed in brain, mainly in the subcortical region. [SIMILARITY] Belongs to the glutamate-gated ion channel.

Source/Purification:
KLH conjugated synthetic peptide derived from human NR2D N-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20℃ for one year.

Reconstitution:
If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.



Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities:
Human,Mouse,Rat,Dog,Pig,Cow,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- FACS(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 143kDa

Preservatives:
10ug/uL BSA and 0.1% NaN3.