

## bs-1072R-A555

### • Rabbit Anti-NR2D/NMDAR2D Polyclonal Antibody, Alexa Fluor 555 conjugated

Conjugated 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.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

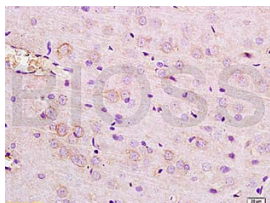
#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### 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.



For full size images and description please click [HERE](#).

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Dog, Pig, Cow,

#### Application:

- 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% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.