



Rabbit polyclonal antibody to N-methyl-D-aspartate receptor 2A (1360-1376): Affinity purified

Catalogue No.:	R-1609-100
Description:	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channels are formed from heteromers composed of three different subunits: the key receptor zeta subunit NMDAR1 (GRIN1) with an NMDAR2 epsilon subunit: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C), or NMDAR2D (GRIN2D) and a third subunit: GRIN3A or GRIN3B.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (1360-1376 aa) from human N-methyl-D-aspartate receptor 2A.
Other Names:	GRIN2A; NR2A; NMDAR2A;
Accession:	Q00959 NMDE1_RAT
Produced in:	Rabbit
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. A concentration of 0.5-1.0 ug/mL is recommended to detect NMDAR2A in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is recommended. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Rat (WB, IHC); Mouse (WB). Expected to react with human.
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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