

Anti-GRIN2A antibody (1130-1400) (STJ115802)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

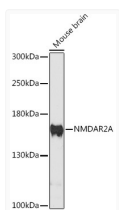
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 165kDa Observed Mw: 165kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

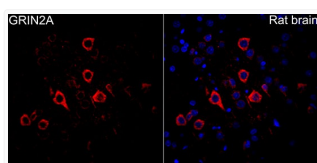
Gene ID	2903
Gene Symbol	GRIN2A
UniProt ID	NMDE1_HUMAN
Immunogen Region	1130-1400
Immunogen Sequence	LDPPQFVENVTLPENVDFFD PYQDPSENFRKGDSTLPMNR NPLHNEEGLSNNDQYKLYSK HFTLKDKGSPHSETSERYRQ NSTHCRSCLSNMPTYSGHFT MRSPFKCDACLRMGNLYDID EDQMLQETGNPATGEQVYQQ DWAQNNALQLQKNKLRISQ HSYDNIIVDKPRELDLSRPSR SISLKDRERLLEGNFYGSLF SVPSSKLSGKKSSLFPQGLE DSKRSKSLLPDHTSDNPFL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1130-1400 of human NMDAR2A (NP_000824.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of mouse brain, using NMDAR2A antibody (STJ115802) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of rat brain muscle using NMDAR2A rabbit polyclonal antibody (STJ115802) at dilution of 1:100. Blue: DAPI for nuclear staining.