

Anti-GRIN2A antibody (1130-1400) (STJ111046)

STJ111046

GENERAL INFORMATION

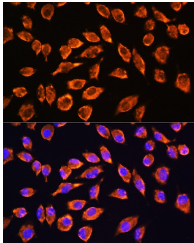
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

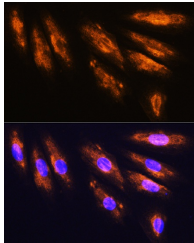
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

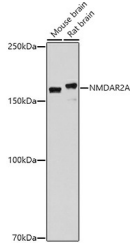
Gene ID	2903
Gene Symbol	GRIN2A
Uniprot ID	NMDE1_HUMAN
Immunogen	
Immunogen Region	1130-1400
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1130-1400 of human NMDAR2A (NP_000824.1).
Immunogen Sequence	LDPPQFVENVTLPENVDFFD PYQDPSENFRKGDSTLPMNR NPLHNEEGLSNNDQYKLYSK HFTLKDKGSPHSETSERYRQ NSTHCRSCLSNMPTYSGHFT MRSPFKCDACLRMGNLYDID EDQMLQETGNPATGEQVYQQ DWAQNNALQLQKNKLRISRQ HSYDNIVDKPRELDLSRPSR SISLKDRERLLEGNFYGSFLF SVPSSKLSGKKSSLPQGLE DSKRSKSLPDPHTSDNPFL



Immunofluorescence analysis of L929 cells using NMDAR2A Rabbit polyclonal antibody (STJ111046) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of H9C2 cells using NMDAR2A Rabbit polyclonal antibody (STJ111046) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using NMDAR2A Rabbit polyclonal antibody (STJ111046) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ500856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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