Anti-GRIN1 antibody (800-900) [S4MR] (STJ11101394)
STJ11101394

GENERAL INFORMATION

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

PRODUCT PROPERTIES

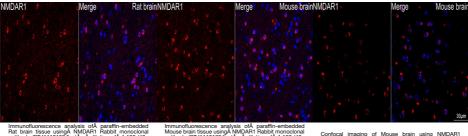|	
Clonality	Monoclonal
Clone ID	S4MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000
	IF/ICC:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 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	2902
Gene Symbol	GRIN1
Uniprot ID	NMDZ1_HUMAN
Immunogen	
Immunogen Region	800-900
Specificity	A synthetic peptide corresponding to a sequence within amino acids 800-900 of human NMDAR1 (Q05586).
Immunogen Sequence	SRSNAPATLTFENMAGVFML VAGGIVAGIFLIFIEIAYKR HKDARRKQMQLAFAAVNVWR KNLQDRKSGRAEPDPKKKAT FRAITSTLASSFKRRRSSKD T

Immunofluorescence analysis ofÂ paraffin-embedded Rat brain tissue usingÂ NMDAR1 Rabbit monoclonal antibody (STJ11101394) atÂ aÂ dilution ofÂ 1:100 (40x lens). Secondary antibody:Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.

Immunofluorescence analysis ofÂ paraffin-embedded Mouse brain tissue usingÂ NMDAR1 Rabbit monoclonal antibody (STJ11101394) atÂ aÂ dilution ofÂ 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.

Confocal imaging of Mouse brain using NMDAR1 Rabbit monoclonal antibody (STJ11101394, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.

Western blot analysis of lysates from Mouse brain, using NMDAR1 Rabbit monoclonal antibody (STJ11101394) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.