

Anti-GRIN2B antibody (1185-1484) (STJ23868)

STJ23868

GENERAL INFORMATION

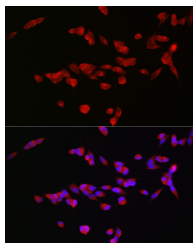
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

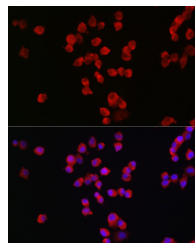
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/ICC:1:50-1:200
	ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% 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

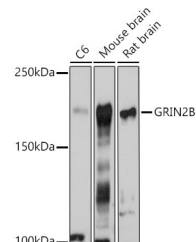
Gene ID	2904
Gene Symbol	GRIN2B
Uniprot ID	NMDE2_HUMAN
Immunogen	
Immunogen Region	1185-1484
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1185-1484 of human GRIN2B (NP_000825.2).
Immunogen Sequence	DKHGVVSGVPAPWEKNLTNV EWEDRSGGNFCRSCPSKLNH YSTTVTGQNSGRQACIRCEA CKKAGNLYDISEDNSLQELD QPAAPVAVTSNASTTKYPQS PTNSKAQKKNRNKLRRQHSY DTFVDLQKEEAALAPRSVSL KDKGRFMDGSPYAHMFEMSA GESTFANNKSSVPTAGHHHH NNPGGGYMLSKSLYPDRVQ NPFIPTFGDDQCLLHGSKSY FFRQPTVAGASKARPDFRA



Immunofluorescence analysis of SH-SY5Y cells using GRIN2B Rabbit polyclonal antibody (STJ23868) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Neuro-2a cells using GRIN2B Rabbit polyclonal antibody (STJ23868) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GRIN2B antibody (STJ23868) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081