Anti-STX1A antibody (1-100) [S5MR] (STJ11102975)
STJ11102975

GENERAL INFORMATION

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

PRODUCT PROPERTIES

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Clonality	Monoclonal
Clone ID	S5MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000
	IHC-P:1:50-1:200
	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

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Gene ID	6804
Gene Symbol	STX1A
Uniprot ID	STX1A_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human STX1A (Q16623).
Immunogen Sequence	MKDRTQELRTAKDSDDDDV AVTVDRDRFMDEFFEQVEEI RGFIDKIAENVEEVKRKHSA ILASPNPDEKTKEELEELMS DIKKTANKVRSKLKSIEQSI
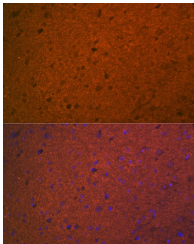
Immunofluorescence analysis of mouse brain using STX1A Rabbit monoclonal antibody (STJ11102975) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.
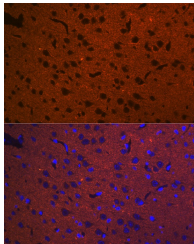
Immunofluorescence analysis of rat brain using STX1A Rabbit monoclonal antibody (STJ11102975) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.
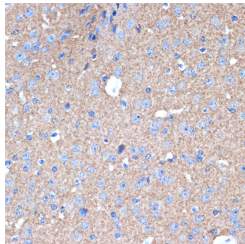
Immunohistochemistry analysis of paraffin-embedded mouse brain using STX1A Rabbit monoclonal antibody (STJ11102975) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.
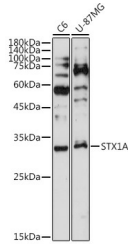
Western blot analysis of extracts of various cell lines, using STX1A antibody (STJ11102975) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.