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anti-STX8 antibody (Cytoplasmic Domain)

2 Images



Publications



Go to Product page

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Quantity:	50 μg
Target:	STX8
Binding Specificity:	AA 1-215, Cytoplasmic Domain
Reactivity:	Human, Mouse, Rat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant cytoplasmic domain of rat syntaxin 8 (aa 1-215).
Specificity:	Specific for syntaxin 8.
Purification: Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.	

Target Details

Target:	STX8
Alternative Name:	Syntaxin 8 (STX8 Products)
Pathways:	Synaptic Vesicle Exocytosis

Application Details

Application Notes: WB: 1 : 100 up to 1 : 5000 (AP staining)

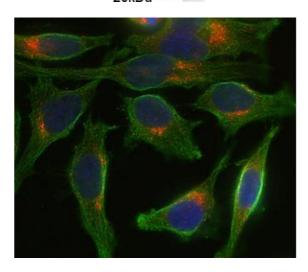
Application Details

	ICC: 1: 100 up to 1: 500
	IHC: not tested yet
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	For reconstitution add 50 μ L H2O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 $^{\circ}$ C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!
Publications	
Product cited in:	Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: PLoS ONE , Vol. 7, Issue 8, pp. e42422, (2012) (PubMed).
	Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: Molecular biology of the cell , Vol. 17, Issue 6, pp. 2581-91, (2006) (PubMed).
	There are more publications referencing this product on: Product page

100kDa — 80kDa — 60kDa — 40kDa — 30kDa —

Western Blotting

Image 1. dilution: 1 : 1000, sample: crude synaptic membranes fraction of rat brain (LP1)



Immunocytochemistry

Image 2. Indirect immunostaining of Hela cells with antisyntaxin 8 (dilution 1 : 100; red) and mouse anti- α -tubulin (cat. no. 302 211, dilution 1 : 100; green). Nuclei have been visualized by DAPI staining.