

Datasheet for ABIN6746605
anti-Syntaxin 4 antibody (AA 101-150)



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1 Image

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Overview

Quantity:	100 µL
Target:	Syntaxin 4 (STX4)
Binding Specificity:	AA 101-150
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Cow, Monkey, Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa101-150 of human STX4 (Q12846, NP_004595). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Marmoset, Mouse, Rat, Bovine, Bat, Rabbit, Horse, Pig (100%), Galago, Elephant, Dog, Guinea pig (92%), Opossum (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human STX4 / Syntaxin 4
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine (100%) Dog, Guinea pig (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	Syntaxin 4 (STX4)
Alternative Name:	STX4 / Syntaxin 4 (STX4 Products)
Background:	Name/Gene ID: STX4 Family: Syntaxin/epimorphin Synonyms: STX4, Syntaxin 4, STX4A, p35-2, Syntaxin-4, Syntaxin 4A (placental)
Gene ID:	6810
NCBI Accession:	NP_004595
UniProt:	Q12846
Pathways:	Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Devarajan, De Leon, Talasazan, Schoenfeld, Davidowitz, Burk: "The von Hippel-Lindau gene product inhibits renal cell apoptosis via Bcl-2-dependent pathways." in: **The Journal of biological chemistry**, Vol. 276, Issue 44, pp. 40599-605, (2001) ([PubMed](#)).

Zhuang, Demirs, Kochevar: "p38 mitogen-activated protein kinase mediates bid cleavage, mitochondrial dysfunction, and caspase-3 activation during apoptosis induced by singlet oxygen but not by hydrogen peroxide." in: **The Journal of biological chemistry**, Vol. 275, Issue 34, pp. 25939-48, (2000) ([PubMed](#)).

Images

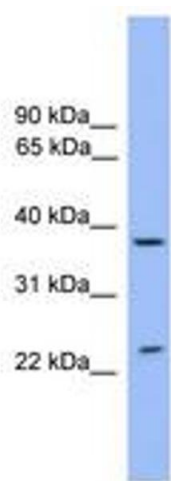


Image 1.