

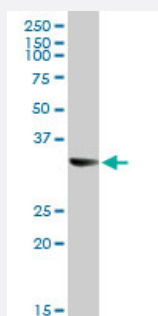
MaxPab®

STX1A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006804-D01

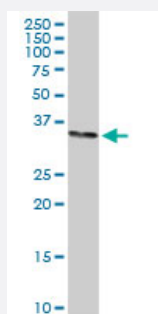
Size 100 uL

Applications



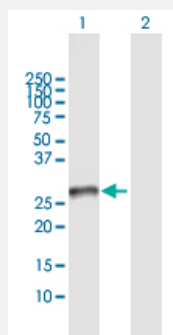
Western Blot (Tissue lysate)

STX1A MaxPab rabbit polyclonal antibody. Western Blot analysis of STX1A expression in rat brain.



Western Blot (Tissue lysate)

STX1A MaxPab rabbit polyclonal antibody. Western Blot analysis of STX1A expression in mouse liver.

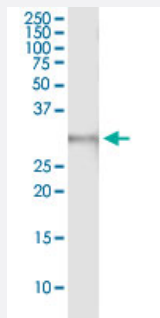


Western Blot (Transfected lysate)

Western Blot analysis of STX1A expression in transfected 293T cell line ([H00006804-T02](#)) by STX1A MaxPab polyclonal antibody.

Lane 1: STX1A transfected lysate(29.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of STX1A transfected lysate using anti-STX1A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with STX1A purified MaxPab mouse polyclonal antibody (B01P) ([H00006804-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human STX1A protein.
Immunogen	STX1A (AAH03011.1, 1 a.a. ~ 251 a.a) full-length human protein.
Sequence	MKDRTQELRTAKDSDDDDVAVTVDRDRFMDEFFEQVEEIRGFIDKIAENVEEVKRKHSAILASP NPDEKTKEELEELMSDIKKTANKVRSKLKSIEQSIEQEEGLNRSSADLRIRKTQHSTLSRKFEVEM SEYNATQSDYRERCKGRIQRQLEITGRITTTSEELEDMLSEGNPAIFASGIIMDSSISKQALSEIETRH SEIKLENSIRELHDMFMDMAMLVESQTMWRGPCLTPRRPSSTRARRAGRKS
Host	Rabbit
Reactivity	Human, Mouse, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

STX1A MaxPab rabbit polyclonal antibody. Western Blot analysis of STX1A expression in rat brain.

[Protocol Download](#)

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STX1A MaxPab rabbit polyclonal antibody. Western Blot analysis of STX1A expression in mouse liver.

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[Protocol Download](#)

Gene Info — STX1A

Entrez GeneID [6804](#)

GeneBank Accession# [BC003011.1](#)

Protein Accession# [AAH03011.1](#)

Gene Name STX1A

Gene Alias HPC-1, STX1, p35-1

Gene Description syntaxin 1A (brain)

Omim ID [186590](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synaptic vesicles store neurotransmitters that are released during calcium-regulated exocytosis. The specificity of neurotransmitter release requires the localization of both synaptic vesicles and calcium channels to the presynaptic active zone. Syntaxins function in this vesicle fusion process. Syntaxins also serve as a substrate for botulinum neurotoxin type C, a metalloprotease that blocks exocytosis and has high affinity for a molecular complex that includes the alpha-latrotoxin receptor (MIM 600565) which produces explosive exocytosis (Zhang et al., 1995 [PubMed 7622072]).[supplied by OMIM]

Other Designations -

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Alzheimer disease](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Developmental Disabilities](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Kidney Failure](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Schizophrenia](#)