

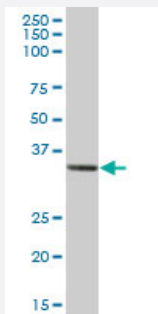
MaxPab®

STX1A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006804-B01P

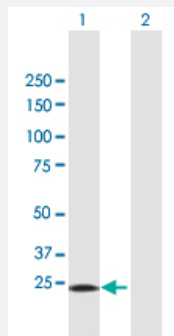
Size 50 ug

Applications



Western Blot (Tissue lysate)

STX1A MaxPab polyclonal antibody. Western Blot analysis of STX1A expression in human kidney.

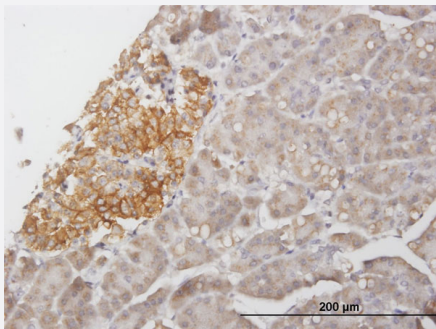


Western Blot (Transfected lysate)

Western Blot analysis of STX1A expression in transfected 293T cell line ([H00006804-T01](#)) by STX1A MaxPab polyclonal antibody.

Lane 1: STX1A transfected lysate(27.61 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to STX1A on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse 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	MKDRTQELRTAKDSDDDDVAVTVDRDRFMDEFFEQVEEIRGFIDKIAENVVEEVKRKHSAILASP NPDEKTKEELEELMSDIKKTANKVRSKLKSIEQSIEQEEGLNRSSADLRIRKTQHSTLSRKFEVEM SEYNATQSDYRERCKGRIQRQLEITGRITTTSEELEDMLESGNPAIFASGIIMDSSISKQALSEIETRH SEIKLENSIRELHDMFMDMAMLVESQTMWRGPCLTPRRPSSTRARRAGRKS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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STX1A MaxPab polyclonal antibody. Western Blot analysis of STX1A expression in human kidney.

[Protocol Download](#)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to STX1A on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

[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](#)