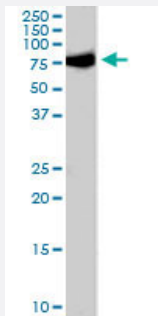


STXBP1 polyclonal antibody

Catalog # PAB6504

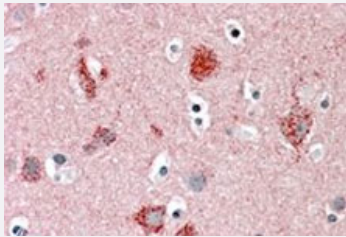
Size 100 ug

Applications



Western Blot (Tissue lysate)

STXBP1 polyclonal antibody (Cat # PAB6504) staining (0.1 ug/mL) of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

STXBP1 polyclonal antibody (Cat # PAB6504)(5 ug/mL) staining of paraffin embedded human cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of STXBP1.
Immunogen	A synthetic peptide corresponding to C-terminus of human STXBP1.
Sequence	C-SRVSFEDQAPTME
Host	Goat
Theoretical MW (kDa)	68.7
Reactivity	Human, Mouse
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.1-0.3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — STXBP1

Entrez GeneID	6812
Protein Accession#	NP_003156.1
Gene Name	STXBP1
Gene Alias	EIEE4, MUNC18-1, UNC18, hUNC18, rbSec1
Gene Description	syntaxin binding protein 1
Omim ID	602926
Gene Ontology	Hyperlink

Other Designations

OTTHUMP00000022196|OTTHUMP00000022197|syntaxin-binding protein 1

Publication Reference

- [Identification and characterization of the human ortholog of rat STXBP1, a protein implicated in vesicle trafficking and neurotransmitter release.](#)

Swanson DA, Steel JM, Valle D.

Genomics 1998 Mar; 48(3):373.

Disease

- [Epilepsy](#)
- [Mental Retardation](#)