

# **STXBP6 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17934c

# **Specification**

# STXBP6 Antibody (Center) - Product Information

Application WB,E **Primary Accession** O8NFX7 Other Accession NP 054897.4 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 23554 Antigen Region 71-97

# STXBP6 Antibody (Center) - Additional Information

#### Gene ID 29091

### **Other Names**

Syntaxin-binding protein 6, Amisyn, STXBP6

### Target/Specificity

This STXBP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-97 amino acids from the Central region of human STXBP6.

# **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

# **Precautions**

STXBP6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

# STXBP6 Antibody (Center) - Protein Information

## Name STXBP6

Function Forms non-fusogenic complexes with SNAP25 and STX1A and may thereby modulate the



formation of functional SNARE complexes and exocytosis.

### **Cellular Location**

Cytoplasm. Membrane; Peripheral membrane protein

#### **Tissue Location**

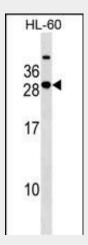
Detected at low levels in brain, and at very low levels in heart, adrenal gland, testis, liver and kidney

# STXBP6 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# STXBP6 Antibody (Center) - Images



STXBP6 Antibody (Center) (Cat. #AP17934c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the STXBP6 antibody detected the STXBP6 protein (arrow).

# STXBP6 Antibody (Center) - Background

STXBP6 binds components of the SNARE complex (see MIM 603215) and may be involved in regulating SNARE complex formation (Scales et al., 2002 [PubMed 12145319]).

# STXBP6 Antibody (Center) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press : Heilig, R., et al. Nature 421(6923):601-607(2003) Scales, S.J., et al. J. Biol. Chem. 277(31):28271-28279(2002)