

**STX5 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12268c**

**Specification**

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**STX5 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O13190</a>
Other Accession	<a href="#">O08DB5</a> , <a href="#">NP_003155.2</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39673
Antigen Region	180-209

**STX5 Antibody (Center) - Additional Information**

**Gene ID** 6811

**Other Names**

Syntaxin-5, STX5, STX5A

**Target/Specificity**

This STX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-209 amino acids from the Central region of human STX5.

**Dilution**

WB~~1:1000

**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**

STX5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**STX5 Antibody (Center) - Protein Information**

**Name** STX5

**Synonyms** STX5A

**Function** Mediates endoplasmic reticulum to Golgi transport. Together with p115/USO1 and GM130/GOLGA2, involved in vesicle tethering and fusion at the cis-Golgi membrane to maintain the stacked and inter- connected structure of the Golgi apparatus.

**Cellular Location**

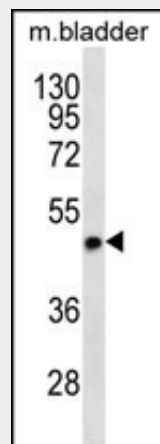
Endoplasmic reticulum-Golgi intermediate compartment membrane {ECO:0000250|UniProtKB:Q08851}; Single-pass type IV membrane protein. Golgi apparatus membrane. Note=Localizes throughout the Golgi apparatus, but most abundant in the cis-most cisternae

**STX5 Antibody (Center) - Protocols**

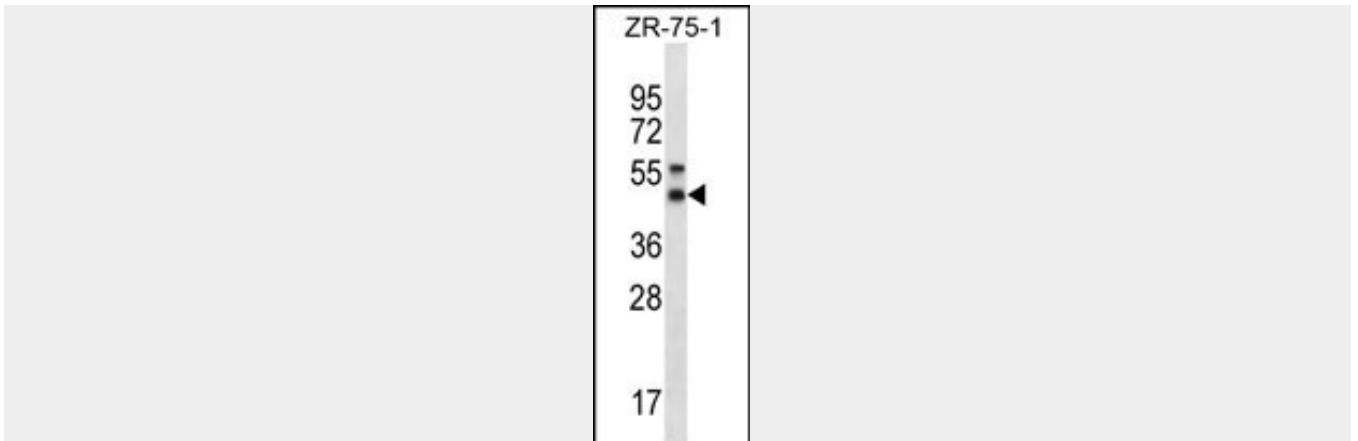
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**STX5 Antibody (Center) - Images**



STX5 Antibody (Center) (Cat. #AP12268c) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the STX5 antibody detected the STX5 protein (arrow).



STX5 Antibody (Center) (Cat. #AP12268c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the STX5 antibody detected the STX5 protein (arrow).

### **STX5 Antibody (Center) - Background**

STX5 mediates endoplasmic reticulum to Golgi transport (By similarity).

### **STX5 Antibody (Center) - References**

- Laufman, O., et al. EMBO J. 28(14):2006-2017(2009)
- Diao, A., et al. J. Biol. Chem. 283(11):6957-6967(2008)
- Amessou, M., et al. J. Cell. Sci. 120 (PT 8), 1457-1468 (2007) :
- Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)
- Suga, K., et al. FEBS Lett. 579(20):4226-4234(2005)