

MUNC18C (aa514-527) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF4064a**Specification**

MUNC18C (aa514-527) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O00186
Other Accession	NP_009200.2 , 6814
Reactivity	Human
Predicted	Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	67764

MUNC18C (aa514-527) Antibody (internal region) - Additional Information**Gene ID** 6814**Other Names**

Syntaxin-binding protein 3, Platelet Sec1 protein, PSP, Protein unc-18 homolog 3, Unc18-3, Protein unc-18 homolog C, Unc-18C, STXBP3

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MUNC18C (aa514-527) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MUNC18C (aa514-527) Antibody (internal region) - Protein Information**Name** STXBP3**Function**

Together with STX4 and VAMP2, may play a role in insulin- dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes.

Cellular Location

Cytoplasm, cytosol. Cell membrane. Note=In platelets, predominantly cytosolic. Low amounts membrane-associated

Tissue Location

Megakaryocytes and platelets.

MUNC18C (aa514-527) Antibody (internal region) - 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](#)

MUNC18C (aa514-527) Antibody (internal region) - Images

AF4064a (0.1 µg/ml) staining of Human Platelets lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MUNC18C (aa514-527) Antibody (internal region) - References

Munc18c phosphorylation by the insulin receptor links cell signaling directly to SNARE exocytosis. Jewell JL, Oh E, Ramalingam L, Kalwat MA, Tagliabracci VS, Tackett L, Elmendorf JS, Thurmond DC. The Journal of cell biology 2011 Apr 193 (1): 185-99. PMID: 21444687