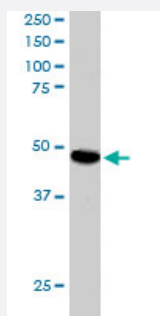


SNX15 polyclonal antibody

Catalog # PAB6367 Size 100 ug

Applications



Western Blot (Cell lysate)

SNX15 polyclonal antibody (Cat # PAB6367) staining (0.5 ug/mL) of 293 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SNX15.
Immunogen	A synthetic peptide corresponding to human SNX15.
Sequence	C-EEILRLHLSQLPP
Host	Goat
Theoretical MW (kDa)	38.2, 29.2
Reactivity	Human
Specificity	This antibody is expected to recognize both human isoforms according to NP_037438.2 and NP_680086.2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:8000) Western Blot (0.2-1 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 (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SNX15

Entrez GeneID	29907
Protein Accession#	NP_037438.2;NP_680086.2
Gene Name	SNX15
Gene Alias	HSAF001435
Gene Description	sorting nexin 15
Omim ID	605964
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. Overexpression of this gene results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits. This decrease is caused by the mislocalization of furin, the endoprotease responsible for cleavage of insulin and hepatocyte growth factor receptors. This protein is involved in endosomal trafficking from the plasma membrane to recycling endosomes or the trans-Golgi network. This gene encodes two transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000035515 clone iota unknown protein

Publication Reference

- [Identification and characterization of SNX15, a novel sorting nexin involved in protein trafficking.](#)

Phillips SA, Barr VA, Haft DH, Taylor SI, Haft CR.

The Journal of Biological Chemistry 2001 Feb; 276(7):5074.

Application: IF, WB, Monkey, COS-7 cells