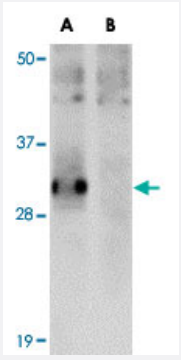
SYPL2 polyclonal antibody

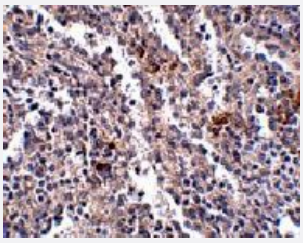
Catalog # PAB16787 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of SYPL2 in human spleen tissue lysate with SYPL2 polyclonal antibody (Cat # PAB16787) at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry

Immunohistochemistry of SYPL2 in human spleen tissue with SYPL2 polyclonal antibody (Cat # PAB16787) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SYPL2.
Immunogen	A synthetic peptide corresponding to C-terminus 15 amino acids of human SYPL2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis of SYPL2 in human spleen tissue lysate with SYPL2 polyclonal antibody (Cat # PAB16787) at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

- Immunohistochemistry

  Immunohistochemistry of SYPL2 in human spleen tissue with SYPL2 polyclonal antibody (Cat # PAB16787) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SYPL2

Entrez GeneID	284612
Protein Accession#	NP_001035799
Gene Name	SYPL2
Gene Alias	MG29
Gene Description	synaptophysin-like 2
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000012638|mitsugumin 29|mitsugumin-29

Publication Reference

- Dysfunction of store-operated calcium channel in muscle cells lacking mg29.

  Pan Z, Yang D, Nagaraj RY, Nosek TA, Nishi M, Takeshima H, Cheng H, Ma J.

  Nature Cell Biology 2002 May; 4(5):379.

- Increased susceptibility to fatigue of slow- and fast-twitch muscles from mice lacking the MG29 gene.

  Nagaraj RY, Nosek CM, Brotto MA, Nishi M, Takeshima H, Nosek TM, Ma J.

  Physiological Genomics 2000 Nov; 4(1):43.

- Abnormal features in skeletal muscle from mice lacking mitsugumin29.

  Nishi M, Komazaki S, Kurebayashi N, Ogawa Y, Noda T, Iino M, Takeshima H.

  The Journal of Cell Biology 1999 Dec; 147(7):1473.

  Application: WB-Ti, Mouse, Mouse hind limb muscles