

INPP5K / SKIP Antibody (aa183-430)
Rabbit Polyclonal Antibody
Catalog # ALS16802**Specification**

INPP5K / SKIP Antibody (aa183-430) - Product Information

Application	IHC, WB
Primary Accession	Q9BT40
Other Accession	51763
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51090

INPP5K / SKIP Antibody (aa183-430) - Additional Information**Gene ID** 51763**Other Names**

INPP5K, SKIP, PPS

Target/Specificity

Human INPP5K / SKIP.

Reconstitution & Storage

PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions

INPP5K / SKIP Antibody (aa183-430) is for research use only and not for use in diagnostic or therapeutic procedures.

INPP5K / SKIP Antibody (aa183-430) - Protein Information**Name** INPP5K ([HGNC:33882](#))**Function**

Inositol 5-phosphatase which acts on inositol 1,4,5- trisphosphate, inositol 1,3,4,5-tetrakisphosphate, phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate (PubMed:10753883, PubMed:16824732). Has 6-fold higher affinity for phosphatidylinositol 4,5-bisphosphate than for inositol 1,4,5- trisphosphate (PubMed:10753883). Negatively regulates assembly of the actin cytoskeleton. Controls insulin-dependent glucose uptake among inositol 3,4,5-trisphosphate phosphatases; therefore, is the specific regulator for insulin signaling in skeletal muscle (By similarity).

Cellular Location

Endoplasmic reticulum. Cytoplasm Note=Following stimulation with EGF, translocates to membrane ruffles (PubMed:12536145, PubMed:26940976). Concentrated at the periphery of the nucleus (PubMed:10753883).

Tissue Location

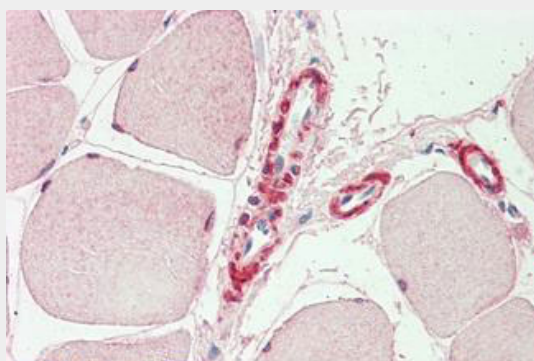
Ubiquitously expressed with highest levels in skeletal muscle, heart and kidney.

INPP5K / SKIP Antibody (aa183-430) - Protocols

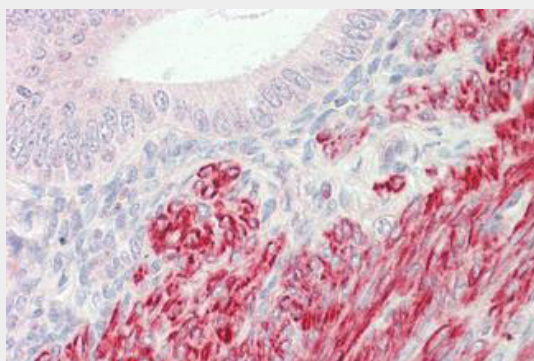
Provided below are standard protocols that you may find useful for product applications.

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

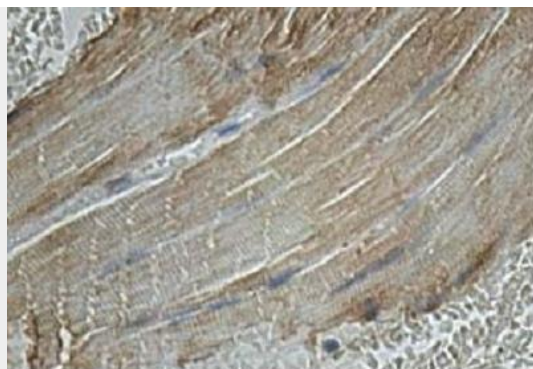
INPP5K / SKIP Antibody (aa183-430) - Images



Anti-INPP5K / SKIP antibody IHC staining of human skeletal muscle.

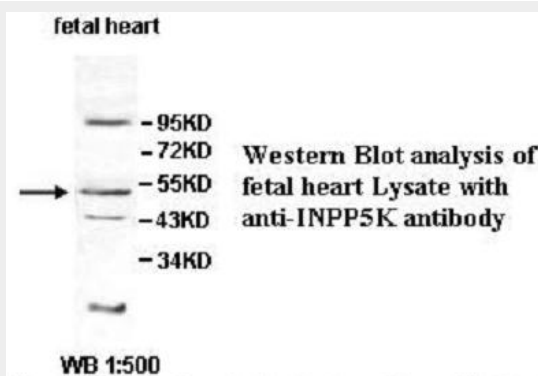


Anti-INPP5K / SKIP antibody IHC staining of human uterus.



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal skeletal muscle showing cytoplasmic staining with anti-INPP5K antibody at a dilution of 1/100.

immunohistochemical staining of formalin - fixed paraffin-embedded fetal skeletal



wester blot analysis of fetal heart lysate with anti-inpp5k antibody

INPP5K / SKIP Antibody (aa183-430) - Background

Inositol 5-phosphatase which acts on inositol 1,4,5- trisphosphate, inositol 1,3,4,5-tetrakisphosphate, phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate. Has 6-fold higher affinity for phosphatidylinositol 4,5-bisphosphate than for inositol 1,4,5- trisphosphate. May negatively regulate assembly of the actin cytoskeleton.

INPP5K / SKIP Antibody (aa183-430) - References

- Ijuin T.,et al.J. Biol. Chem. 275:10870-10875(2000).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
- Nussbaum R.L.,et al.Submitted (JAN-1996) to the EMBL/GenBank/DDBJ databases.
- Gurung R.,et al.J. Biol. Chem. 278:11376-11385(2003).