

ITPR2 / IP3 Receptor Type 2 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12715**Specification**

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q14571
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	308kDa KDa

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Additional Information**Gene ID** 3709**Other Names**

Inositol 1, 4, 5-trisphosphate receptor type 2, IP3 receptor isoform 2, IP3R 2, InsP3R2, Type 2 inositol 1, 4, 5-trisphosphate receptor, Type 2 InsP3 receptor, ITPR2

Target/Specificity

Human ITPR2. No cross-reactivity expected with other types of ITPR.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Protein Information**Name** ITPR2**Function**

Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. This release is regulated by cAMP both dependently and independently of PKA (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

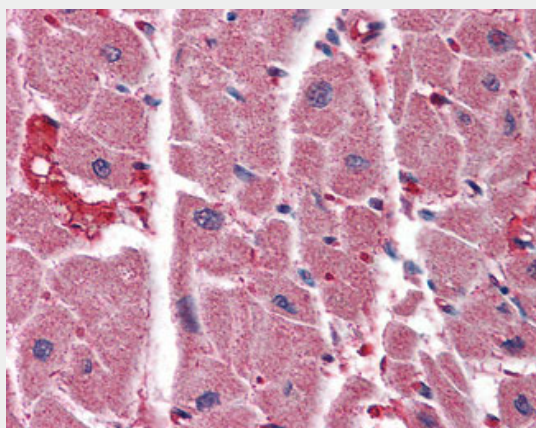
Isoform Short is found in skeletal muscle and heart

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Protocols

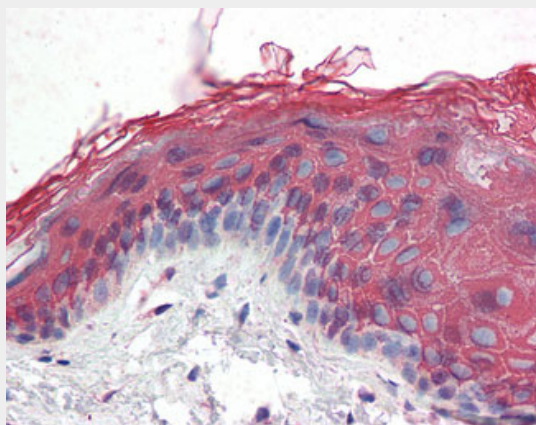
Provided below are standard protocols that you may find useful for product applications.

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

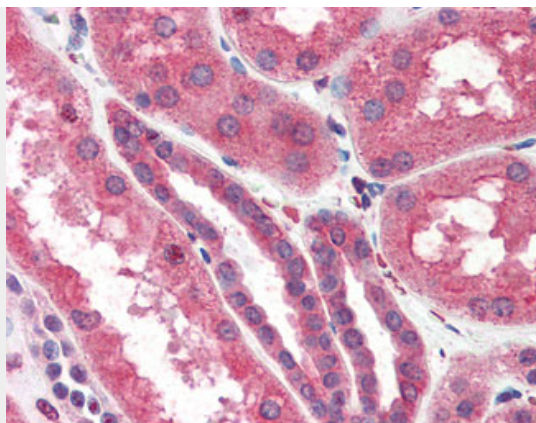
ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Images



Anti-ITPR2 antibody IHC of human heart.



Anti-ITPR2 antibody IHC of human skin.



Anti-ITPR2 antibody IHC of human kidney.

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - Background

Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. This release is regulated by cAMP both dependently and independently of PKA (By similarity).

ITPR2 / IP3 Receptor Type 2 Antibody (Internal) - References

- Yamamoto-Hino M., et al. Recept. Channels 2:9-22(1994).
Futatsugi A., et al. Biochem. J. 334:559-563(1998).
Scherer S.E., et al. Nature 440:346-351(2006).
Yang J., et al. Proc. Natl. Acad. Sci. U.S.A. 99:7711-7716(2002).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).