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ITPR3 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2484a

Specification

ITPR3 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q14573
Other Accession	NP_002215.2, 3710
Predicted	**Human, Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**304106**

ITPR3 Antibody (internal region) - Additional Information

Gene ID 3710

Other Names
Inositol 1, 4, 5-trisphosphate receptor type 3, IP3 receptor isoform 3, IP3R 3, InsP3R3, Type 3 inositol 1, 4, 5-trisphosphate receptor, Type 3 InsP3 receptor, ITPR3

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
ITPR3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ITPR3 Antibody (internal region) - Protein Information

Name ITPR3

Function
Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium (By similarity). Involved in cellular calcium ion homeostasis (PubMed:32949214).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location
Expressed in intestinal crypt and villus epithelial cells

ITPR3 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 Cytomety
- Cell Culture

ITPR3 Antibody (internal region) - Images

ITPR3 Antibody (internal region) - Background

No cross-reactivity expected with other types of ITPR

ITPR3 Antibody (internal region) - References

IP3 receptor types 2 and 3 mediate exocrine secretion underlying energy metabolism. Futatsugi A, Nakamura T, Yamada MK, Ebisui E, Nakamura K, Uchida K, Kitaguchi T, Takahashi-Iwanaga H, Noda T, Aruga J, Mikoshiba K. Science. 2005 Sep 30;309(5744):2232-4. PMID: 16195467