



## ITPR3 Antibody

CATALOG NUMBER: 45-786

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: antibody detection limit dilution 1:128000. Western Blot: Preliminary experiments gave an approx 60kDa band in Human Adipose, Colon, Duodenum, Heart and Liver lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe

**SPECIFICITY:** No cross-reactivity expected with other types of ITPR

**IMMUNOGEN:** ITPR3 antibody was raised against a 14 amino acid synthetic peptide near the internal region of ITPR3.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** ITPR3 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** ITPR3 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** ITPR3, inositol 1, 4, 5-triphosphate receptor, type 3, HGNC:6182, FLJ36205, IP3R, IP3R3

**ACCESSION NO.:** NP\_002215.1

**PROTEIN GI NO.:** 4504795

**OFFICIAL SYMBOL:** ITPR3

**GENE ID:** 3710

### Background

**REFERENCES:** 1) Futatsugi A, Nakamura T, Yamada MK, Ebisui E, Nakamura K, Uchida K, Kitaguchi T, Takahashi-Iwanaga H, Noda T, Aruga J, Mikoshiba K. IP3 receptor types 2 and 3 mediate exocrine secretion underlying energy metabolism. Science. 2005 Sep 30;309(5744):2232-4.

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