



ITPR2 Antibody

CATALOG NUMBER: 45-785

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS: ELISA

APPLICATIONS: ELISA: antibody detection limit dilution 1:128000. Western Blot: Preliminary experiments gave an approx 28-30kDa band in human heart lysates after 0.1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 30

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

IMMUNOGEN: ITPR2 antibody was raised against a 13 amino acid synthetic peptide near the internal region of ITPR2.

HOST SPECIES: Goat

Properties

PURIFICATION: ITPR2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: ITPR2 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: ITPR2, inositol 1, 4, 5-triphosphate receptor, type 2, HGNC:6181, IP3R2

ACCESSION NO.: NP_002214.2

PROTEIN GI NO.: 95147335

OFFICIAL SYMBOL: ITPR2

GENE ID: 3709

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.

FOR RESEARCH USE ONLY

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