Datasheet for ABIN185541

anti-ITPR3 antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	ITPR3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ITPR3 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ITPR3
Immunogen:	Peptide with sequence C-DKKERPTDEEGFLH, from the internal region of the protein sequence according to NP_002215.2.
Sequence:	DKKERPTDEE GFLH
Isotype:	IgG
Specificity:	No cross-reactivity expected with other types of ITPR
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	ITPR3
Alternative Name:	ITPR3 (ITPR3 Products)
Background:	ITPR3, inositol 1,4,5-triphosphate receptor, type 3 , HGNC:6182, FLJ36205, IP3R, IP3R3
Gene ID:	3710
NCBI Accession:	NP_002215
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, BCR Signaling

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 60 kDa band in Human Adipose, Colon, Duodenum, Heart and Liver lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.