Human PDZD11 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF5977N
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PDZD11 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human PDZD2 and recombinant mouse PDZD2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human PDZD11 Met1-His140 Accession # Q5EBL8
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PDZD11 (PDZ domain-containing protein 11; also AIPP1a and PISP) is a 17 kDa cytosolic protein that bears resemblance to members of the MALS/VELIS family of proteins. It is ubiquitously expressed, and appears to target calcium and copper ATPases to basolateral cell membranes. Human PDZD11 is 140 amino acids (aa) in length. It contains but one PDZ domain (aa 47-129) that apparently interacts with the C-terminus of partner proteins. One alternative start site exists that is 32 aa upstream of the standard site. This generates the AIPP1b isoform. Full-length human PDZD11 shares 97% aa identity with mouse PDZD11.

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