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Datasheet for ABIN1386897
anti-PDZD4 antibody

Overview

Quantity:	100 µL
Target:	PDZD4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDZK4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PDZD4
Alternative Name:	PDZK4 (PDZD4 Products)
Background:	Synonyms: FERM and PDZ domain containing protein 2, PDZ domain containing protein 4, PDZ domain containing protein 5C, PDZ domain containing 4 PDZD5C, PDZK4, PDZK5C,FRPD2_HUMAN.

Target Details

Background: PDZK4, also known as PDZRN4L (PDZ domain-containing RING finger protein 4-like protein) or LU1, is a 769 amino acid coiled-coil protein that contains one PDZ (DHR) domain. Encoded by a gene that maps to human chromosome Xq28, PDZK4 is conserved in dog, cow, mouse, rat and zebrafish. PDZK4 localizes to cytoplasm and is expressed specifically in adult and fetal brain. PDZK4 functions as an oncogene and is up-regulated in synovial carcinomas. Treatment of synovial sarcoma cells with small interfering RNA (siRNA) inhibits PDZK4 expression, resulting in tumor-cell growth suppression, suggesting that inappropriate expression of PDZK4 may play a role synovial sarcoma cell proliferation. The exact function of FRMPD2 is unknown. The protein contains a FERM domain: such structures are often involved in signal transduction pathways. Alternatively spliced transcript variants encoding different isoforms have been identified.

Gene ID: 143162

UniProt: [Q68DX3](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months