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Datasheet for ABIN6991666
anti-YPEL4 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	YPEL4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YPEL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	YPEL4 antibody was raised against a 12 amino acid synthetic peptide near the amino terminus of human YPEL4. The immunogen is located within the first 50 amino acids of YPEL4.
Isotype:	IgG
Purification:	YPEL4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	YPEL4
Alternative Name:	YPEL4 (YPEL4 Products)
Background:	YPEL4 Antibody: YPEL4 (yippee-like 4) belongs to a family of five yippee-like proteins, all of which localize to the centrosome or mitotic spindle and are widely expressed in both adult and fetal tissue. This localization plus the fact that the family of human YPEL proteins share a high

Target Details

degree of sequence homology across species suggests that these proteins may have a conserved function involved in cell division. YPEL4 is ubiquitously expressed in adult tissues and has been shown to associate with the major vault protein (MVP). It has been suggested that MVP can inhibit YPEL4's ability to activate Elk-1 in the MAPK signaling pathway.

Gene ID: 219539

NCBI Accession: [NP_659445](#)

UniProt: [Q96NS1](#)

Application Details

Application Notes: YPEL4 antibody can be used for detection of YPEL4 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: YPEL4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: YPEL4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.