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Datasheet for ABIN6991667
anti-YPEL5 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	YPEL5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YPEL5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	YPEL5 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human YPEL5. The immunogen is located within the first 50 amino acids of YPEL5.
Isotype:	IgG
Purification:	YPEL5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	YPEL5
Alternative Name:	YPEL5 (YPEL5 Products)
Background:	YPEL5 Antibody: YPEL5 (yippee-like 5) 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. YPEL5 is expressed at the nucleus and centrosome during interphase, during mitosis, it localizes to the spindle poles, mitotic spindle, and spindle midzone during mitosis. Finally, during cytokinesis, YPEL5 is localized to the midbody. It is associated with the Ran Binding Protein in the Microtubule organizing center (RanBPM) and a related protein RanBP10.

Gene ID: 51646

NCBI Accession: [NP_057145](#)

UniProt: [P62699](#)

Application Details

Application Notes: YPEL5 antibody can be used for detection of YPEL5 by Western blot at 1 μ g/mL. Antibody can also be used for immunocytochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 2.5 μ g/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: YPEL5 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: YPEL5 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.