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Datasheet for ABIN6991159
anti-MAK10/NAA35 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	MAK10/NAA35 (MAK10)
Binding Specificity:	AA 190-240, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAK10/NAA35 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	MAK10 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human MAK10. The immunogen is located within amino acids 190 - 240 of MAK10.
Isotype:	IgG
Purification:	MAK10 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MAK10/NAA35 (MAK10)
Alternative Name:	MAK10 (MAK10 Products)
Background:	MAK10 Antibody: The MAK10 gene encodes a 733-amino acid protein with several regions of similarity to T cell receptor alpha-subunit V (variable) regions in yeast. The mammalian homologue of yeast MAK10, also known as EGAP, is one subunit of a novel N-terminal

Target Details

acetyltransferase (NAT) that is highly conserved among vertebrate species. It is expressed in a variety of tissues in the developing rat embryo but restricted in expression in the adult, remaining detectable only in tissues undergoing continual cell renewal or in cells responding to pathological injury. The MAK10-NAT complex is an essential regulatory enzyme controlling the function of a subset of proteins required for embryonic growth control and vessel development. This complex functionally co-assembles in mammalian cells to regulate cell proliferation and is essential for embryonic development, at least in part through the regulation of target of rapamycin (TOR) signaling events. At least two isoforms of MAK10 are known to exist.

Gene ID: 60560

NCBI Accession: [NP_078911](#)

UniProt: [Q5VZE5](#)

Application Details

Application Notes: MAK10 antibody can be used for detection of MAK10 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.

Antibody validated: Western Blot in rat samples and Immunohistochemistry in human samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MAK10 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: MAK10 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.