

Datasheet for ABIN1881520
anti-MAK antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	MAK
Binding Specificity:	AA 595-623, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MAK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 595-623 amino acids from the C-terminal region of human MAK.
Clone:	RB42425
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAK
Alternative Name:	MAK (MAK Products)

Target Details

Background: The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. It is expressed almost exclusively in the testis, primarily in germ cells. Studies of the mouse and rat homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. There is, however, a study of the mouse homolog that has identified high levels of expression in developing sensory epithelia so its function may be more generalized.

Molecular Weight: 70581

NCBI Accession: [NP_001229314](#), [NP_001229886](#), [NP_005897](#)

UniProt: [P20794](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

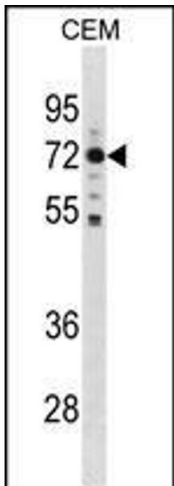
Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**,



Western Blotting

Image 1. K Antibody (C-term) (ABIN1881520 and ABIN2838969) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the K antibody detected the K protein (arrow).