

Datasheet for ABIN5647592  
**anti-MAK antibody (AA 588-623)**



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1 Image

## Overview

Quantity:	100 µg
Target:	MAK
Binding Specificity:	AA 588-623
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAK antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Amino acids 588-623 (RTYNPTAKNLNIVNRAQIPSVHGRTDWWAKYGGHR) were used as the immunogen for the MAK antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

## Target Details

Target:	MAK
Alternative Name:	MAK / Male germ cell-associated kinase ( <a href="#">MAK Products</a> )
Background:	Serine/threonine-protein kinase MAK (Male germ cell-associated kinase) is an enzyme that in humans is encoded by the MAK gene. The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. Studies of the mouse and rat

## Target Details

homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. Mutations in this gene have been associated with ciliary defects resulting in retinitis pigmentosa 62.

UniProt: [P20794](#)

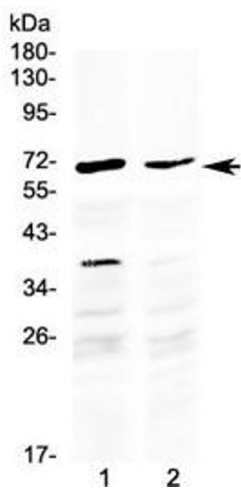
## Application Details

Application Notes:	Optimal dilution of the MAK antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

## Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the MAK antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Western Blotting

**Image 1.** Western blot testing of human 1) HepG2 and 2) MCF7 cell lysate with MAK antibody at 0.5ug/ml. Predicted molecular weight ~70 kDa.