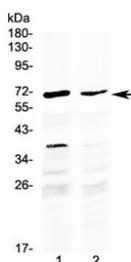


MAK Antibody (C-Terminal Region) (R32835)

Catalog No.	Formulation	Size
R32835	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P20794
Applications	Western Blot : 0.5-1ug/ml
Limitations	This MAK antibody is available for research use only.



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

Description

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 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.

Application Notes

Optimal dilution of the MAK antibody should be determined by the researcher.

Immunogen

Amino acids 588-623 (RTYNPTAKNLNIVNRAQPIPSVHGRTDWVAKYGGHR) were used as the immunogen for the MAK antibody.

Storage

After reconstitution, the MAK antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.