

Rabbit MAK Polyclonal Antibody | anti-MAK antibody

MAK antibody - C-terminal region

CATALOG # AAA199088	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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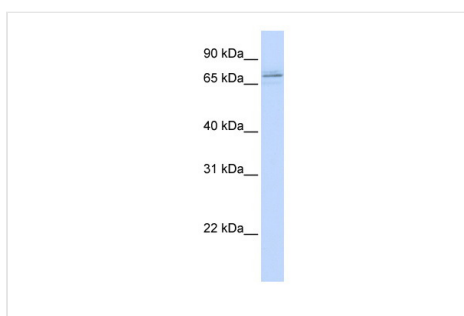
PRODUCT SYNONYMS

MAK; Polyclonal Antibody; MAK antibody - C-terminal region; anti-MAK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: WNTKTGRGQFSGRTYNPTAKNLNIVNRAQPIPSVHGRTDWVAKYGGHR
Sequence Length	623
Applicable Applications for anti-MAK antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MAK
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

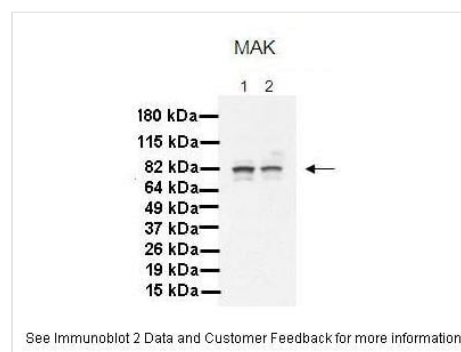
IMAGES



WB (Western Blot)

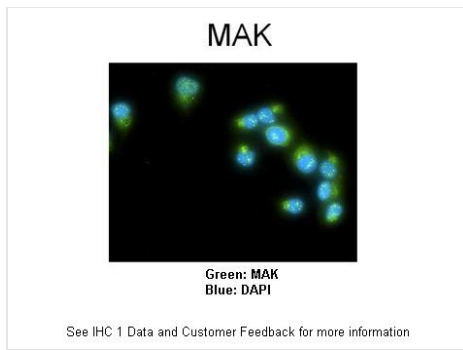
WB Suggested Anti-MAK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: Hela cell lysate



WB (Western Blot)

Lanes: 1. 30 ug MiaPaca-2 cell lysate 2. 30 ug Panc-1 cell lysate
Primary Antibody Dilution: 1:1000
Secondary Antibody: Goat anti-Rabbit HRP
Secondary Antibody Dilution: 1:4000
Gene Name: MAK
Submitted by: Dr. Crissy Dudgeon, Ph.D., CINJ



IHC (Immunohistochemistry)
 Sample Type :Human lung adenocarcinoma cell line A549Primary Antibody Dilution
 :1:100Secondary Antibody :Goat anti-rabbit AlexaFluor 488Secondary Antibody Dilution
 :1:400Color/Signal Descriptions :MAK: Green DAPI:BlueGene Name :MAK Submitted by :Dr.
 Crissy Dudgeon, Ph.D., CINJ

ADDITIONAL INFORMATION

Related Product Information for anti-MAK antibody	This is a rabbit polyclonal antibody against MAK. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MAK 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. 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.
Product Categories/Family for anti-MAK antibody	Polyclonal; Various; Meiosis/Mitosis/Cell Cycle; Tissue Specific & Cell Marker; Immunohistochemistry; Phosphorylation; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496279
NCBI GeneID	4117
NCBI Accession #	NP_005897
NCBI GenBank Nucleotide #	NM_005906
UniProt Accession #	P20794
Molecular Weight	70kDa
NCBI Official Full Name	serine/threonine-protein kinase MAK isoform 1
NCBI Official Synonym Full Names	male germ cell associated kinase
NCBI Official Symbol	MAK
NCBI Official Synonym Symbols	RP62
NCBI Protein Information	serine/threonine-protein kinase MAK
UniProt Protein Name	Serine/threonine-protein kinase MAK
UniProt Gene Name	MAK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mak-antibody-western-blot-immunohistochemistry-elisa/199088>