

Rabbit anti-Human MAK Polyclonal Antibody | anti-MAK antibody

MAK Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285787	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

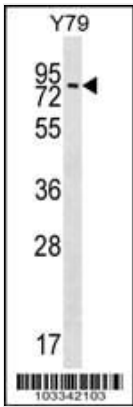
PRODUCT SYNONYMS

MAK; Polyclonal Antibody; MAK Antibody (C-term); Serine/threonine-protein kinase MAK; Male germ cell-associated kinase; anti-MAK antibody

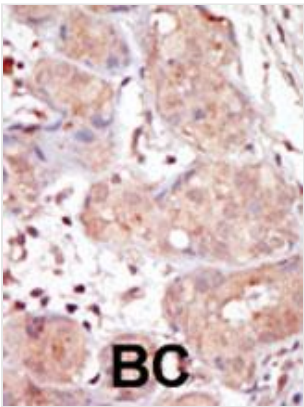
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 578-608 amino acids from the C-terminal region of human MAK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	578-608
Sequence Length	583
Applicable Applications for anti-MAK antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

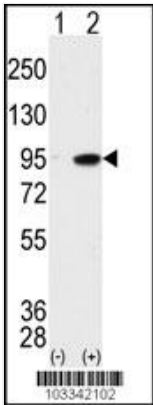
IMAGES



WB (Western Blot)
MAK Antibody (T593) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the MAK antibody detected the MAK protein (arrow).



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of MAK (arrow) using MAK Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MAK gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-MAK antibody	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.
Product Categories/Family for anti-MAK antibody	Signal Transduction
References	Xia, L., et al., J. Biol. Chem. 277(38):35422-35433 (2002). Taketo, M., et al., Genomics 19(2):397-398 (1994). Jinno, A., et al., Mol. Cell. Biol. 13(7):4146-4156 (1993). Bladt, F., et al., Differentiation 53(2):115-122 (1993). Koji, T., et al., Cell Biochem. Funct. 10(4):273-279 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	334724436
NCBI GeneID	4117
NCBI Accession #	NP_001229314.1; NP_001229886.1; NP_005897.1
NCBI GenBank Nucleotide #	NM_001242385.1

UniProt Accession #	P20794; Q547D0; Q9NUH7; F1T0K6; G1FL29
Molecular Weight	70581
NCBI Official Full Name	serine/threonine-protein kinase MAK isoform 2
NCBI Official Synonym Full Names	male germ cell-associated kinase
NCBI Official Symbol	MAK
NCBI Official Synonym Symbols	RP62; dJ417M14.2
NCBI Protein Information	serine/threonine-protein kinase MAK
UniProt Protein Name	Serine/threonine-protein kinase MAK
UniProt Gene Name	MAK
UniProt Entry Name	MAK_HUMAN

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/285787>