Rabbit anti-Human, mouse MDK Polyclonal Antibody | anti-MDK antibody

MDK Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290412	**Rabbit**	**Human, mouse**	**Immunofluorescence, Immunohistochemistry, ELISA, Western Blot**

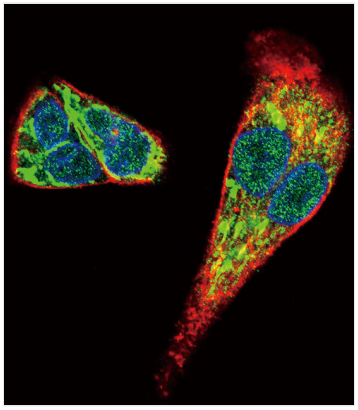
PRODUCT SYNONYMS

MDK; Polyclonal Antibody; MDK Antibody (C-term); Midkine; MK; Amphiregulin-associated protein; ARAP; Midgestation and kidney protein; Neurite outgrowth-promoting factor 2; Neurite outgrowth-promoting protein; MK1; NEGF2; anti-MDK antibody

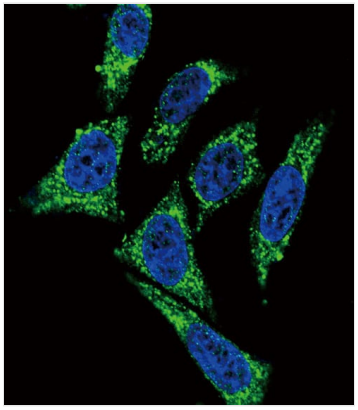
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MDK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-143 amino acids from the C-terminal region of human MDK.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	113-143
Sequence Length	87
Applicable Applications for anti-MDK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.

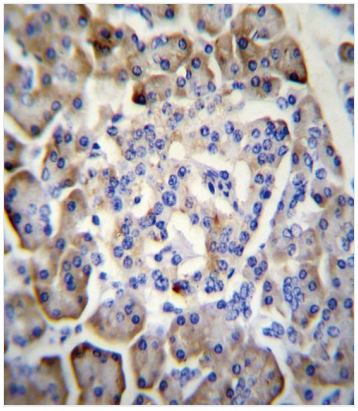
IMAGES



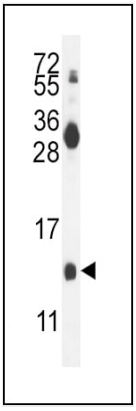
IF (Immunofluorescence)
Confocal immunofluorescent analysis of MDK Antibody (C-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IF (Immunofluorescence)
Confocal immunofluorescent analysis of MDK Antibody (C-term) with Hela cell followed by Alexa Fluor??488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohiostchemistry)
MDK Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MDK Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MDK Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the MDK antibody detected the MDK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MDK antibody	Midkine is a retinoic acid-responsive, heparin-binding growth factor expressed in various cell types during embryogenesis. It promotes angiogenesis, cell growth, and cell migration. Midkine is also expressed in several carcinomas, suggesting that it may play a role in tumorigenesis, perhaps through its effects on angiogenesis (summary by Reynolds et al., 2004 [PubMed 15197188]).
Product Categories/Family for anti-MDK antibody	Neuroscience
References	Ferreira, R.C., et al. Nat. Genet. 42(9):777-780(2010) Kerzerho, J., et al. J. Immunol. 185(1):418-423(2010) Yao, X., et al. Acta Pharmacol. Sin. 31(5):629-637(2010) Zhang, Z.H., et al. Cell Prolif. 43(2):184-194(2010) Rice, G.E., et al. J. Exp. Clin. Cancer Res. 29, 62 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	59894796
NCBI GeneID	4192
NCBI Accession #	NP_001012333.1; NP_001012334.1; NP_001257479.1; NP_001257480.1; NP_001257481.1; NP_002382.1
NCBI GenBank Nucleotide #	NM_001012333.2

UniProt Accession #	P21741; Q2LEK4; Q9UCC7
Molecular Weight	15585
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine (neurite growth-promoting factor 2)
NCBI Official Symbol	MDK
NCBI Official Synonym Symbols	MK; ARAP; NEGF2
NCBI Protein Information	midkine
UniProt Protein Name	Midkine
UniProt Gene Name	**MDK**
UniProt Synonym Gene Names	MK1; NEGF2; MK; ARAP
UniProt Entry Name	MK_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://www.aaabiotech.com/polyclonal/mdk-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/290412