

Rabbit MDK Polyclonal Antibody | anti-MDK antibody

MDK Antibody

CATALOG # AAA169481	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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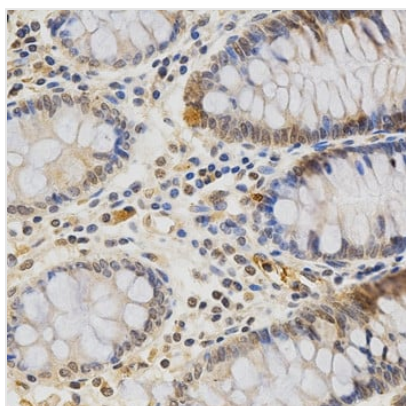
PRODUCT SYNONYMS

MDK; Polyclonal Antibody; MDK Antibody; FLJ27379; MK; NEGF2; anti-MDK antibody

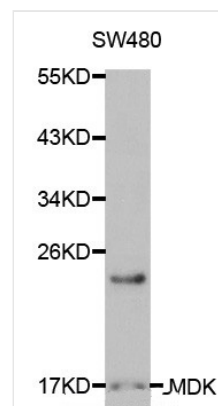
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	87
Applicable Applications for anti-MDK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MDK
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1397 / sc-1396 / sc-1398 / sc-20715
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal using MDK antibody at dilution of 1:200 (x400 lens)


WB (Western Blot)

Western blot analysis of extracts of SW480 cells, using MDK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MDK antibody	Midkine, or MK, is a heparin-binding molecule involved in the regulation of growth and differentiation during embryogenesis. MK expression is tightly regulated during embryonic development by steroid receptors of the retinoic acid superfamily. The mature human MK protein is 118 amino acids in length and contains five intrachain disulfide bonds. MK is a non-glycosylated protein that shows greater than 87% identity between human and mouse. The carboxy-terminus of MK contains the principle heparin-binding site and the molecule's neurite-promoting sequences; both the amino- and carboxy-terminal sequences are required for the molecule's neurotrophic properties. An association between overexpression of MK and colon adenocarcinoma has been shown in families suffering from familial polyposis. In addition, MK functions to enhance the activity of plasminogen activator (PA).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	396080285
NCBI GeneID	4192
NCBI Accession #	NP_001257481.1
NCBI GenBank Nucleotide #	NM_001270552.1
Molecular Weight	9,512 Da
NCBI Official Full Name	midkine isoform b
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; amphiregulin-associated protein; midgestation and kidney protein; neurite outgrowth-promoting factor 2; retinoic acid inducible factor
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://stage.aaabiotech.com/polyclonal/mdk-antibody-immunohistochemistry-western-blot-elisa/169481>