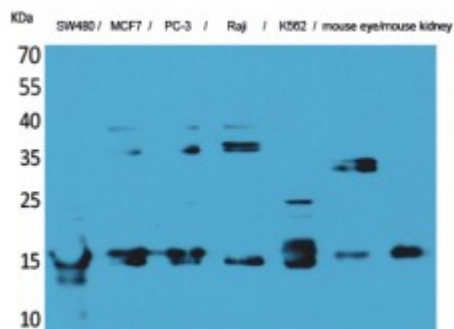


Anti-MK antibody



Description	Rabbit polyclonal to MK.
Model	STJ96542
Host	Rabbit
Reactivity	Human, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human MK.
Immunogen Region	Internal
Gene ID	4192
Gene Symbol	MDK
Dilution range	WB 1:500-1:2000 IHC-P 1:100-300 ELISA 1:20000
Specificity	MK Polyclonal Antibody detects endogenous levels of MK protein.
Tissue Specificity	Expressed in various tumor cell lines. In insulinoma tissue predominantly expressed in precancerous lesions.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Midkine MK Amphiregulin-associated protein ARAP Midgestation and kidney protein Neurite outgrowth-promoting factor 2 Neurite outgrowth-promoting protein
Molecular Weight	18 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6972OMIM:162096
Alternative Names	Midkine MK Amphiregulin-associated protein ARAP Midgestation and kidney protein Neurite outgrowth-promoting factor 2 Neurite outgrowth-promoting protein
Function	Developmentally regulated, secreted growth factor homologous to pleiotrophin (PTN), which has heparin binding activity. Binds anaplastic lymphoma kinase (ALK) which induces ALK activation and subsequent phosphorylation of the insulin receptor substrate (IRS1), followed by the activation of mitogen-activated protein kinase (MAPK) and PI3-kinase, and the induction of cell proliferation. Involved in neointima formation after arterial injury, possibly by mediating leukocyte recruitment. Also involved in early fetal adrenal gland development .
Cellular Localization	Secreted.