Product Name: Midkine Rabbit Polyclonal Antibody
Catalog #: APRab00059

Summary

Production Name	Midkine Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	MDK
Alternative Names	MDK; FLJ27379; MK1; NEGF2; Midkine; NEGF2; ARAP
Gene ID	4192
SwissProt ID	P21741

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 16 kDa; Observed MW: 16 kDa

Background

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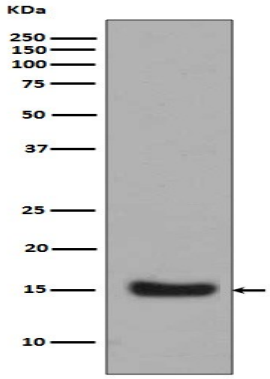
Midkine, or MK, is a heparin-binding molecule involved in the regulation of growth and differentiation during embryogenesis. MK expression is tightly regulated during embryonic development by steroid receptors of the retinoic acid superfamily. The mature human MK protein is 118 amino acids in length and contains five intrachain disulfide bonds. MK is a non-glycosylated protein that shows greater than 87% identity between human and mouse.

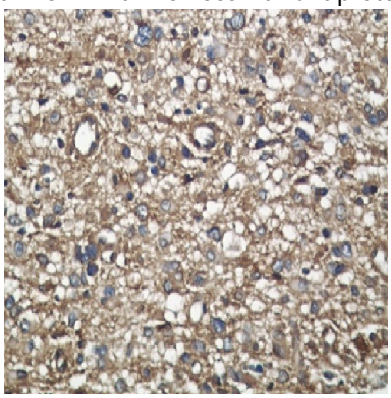
Research Area

Neuroscience

Image Data



Western blot analysis of Midkine in Midkine Recombinant protein using Midkine antibody.



Immunohistochemistry analysis of paraffin-embedded Human liver carcinoma using Midkine antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.