

Product datasheet for **TA354460**

Midkine (MDK) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A 143 aa recombinant protein of the full length human Midkine. This sequence has 90% homologues to rat and mouse.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	midkine (neurite growth-promoting factor 2)
Database Link:	NP_001012333 Entrez Gene 4192 Human P21741
Background:	Midkine is a member of a family of developmentally regulated neurotrophic and heparin-binding growth factors. It has heparin binding activity and growth promoting activity. The midkine is involved in neointima formation after arterial injury, possibly by mediating leukocyte recruitment. This protein is also involved in early fetal adrenal gland development. Midkine may be an important skeletal muscle growth-promoting factor that participates in the growth process during skeletal muscle development, proliferation, and differentiation, and in the skeletal muscle regeneration in various neuromuscular disorders.
Synonyms:	ARAP; MK; NEGF2
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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