

## Anti-Midkine Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Cow,Horse,Fruit Fly)
Molecular Weight:	Theoretical: 13.4 kDa. Actual: 16 kDa.
Purification:	Protein A purified

## Applications

	Sample: Lane 1: Rat Embryo tissue lysates Lane 2: Rat Uterus tissue lysates
Verified Activity:	Primary: Anti-Midkine (TMAB-08812) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 13.4 kDa Observed band size: 16 kDa
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Midkine
Antigen Species:	Human
Gene ID:	4192
Uniprot ID:	P21741

## Research Background

Midkine exhibits neurite outgrowth-promoting activity and may play a role in nervous system development and/or maintenance. Its expression is predominant only for a short period from approximately one-half to two-thirds of the way through gestation; before and after that, it is barely detectable. Midkine was first found in differentiating mouse teratocarcinoma cells. It has neurotrophic activities and is mitogenic to certain, but not to all, fibroblast cell lines.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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