

Anti-Midkine Polyclonal Antibody

Product Details

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| 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

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| 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

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| 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

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| 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481