

**Anti-Human Midkine Antibody**  
**Catalog # ABG10391****Specification**

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**Anti-Human Midkine Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**Anti-Human Midkine Antibody - Additional Information****Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hMidkine. Anti-Human Midkine specific antibody was purified by affinity chromatography employing immobilized hMidkine matrix.

**WesternBlot**

To detect hMidkine by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMidkine is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect hMidkine by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems&apos; Biotinylated Anti-Human Midkine (60-221BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMidkine.

**Immunohistochemistry**

This antibody stained human brain stroke (including control cortex and stroke core areas) tissue. The primary antibody was incubated at 2.5 mg/ml overnight at 4°C. This was followed by a fluorophore conjugated secondary antibody. Optimal concentrations and conditions may vary.<br /><span style="line-height: 1.4;"><em><strong><span style="font-size: 10px;">Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.</span></strong></em></span>

**Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

**Reconstitution**

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

**Storage**

-20°C

**Precautions**

Anti-Human Midkine Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Human Midkine Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Human Midkine Antibody - Images**