

Datasheet for ABIN2856668

**anti-MAP4K5 antibody**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	MAP4K5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human KHS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to KHS (mitogen-activated protein kinase kinase kinase kinase 5) KHS antibody [N3C1], Internal
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	MAP4K5
Alternative Name:	mitogen-activated protein kinase kinase kinase kinase 5 ( <a href="#">MAP4K5 Products</a> )
Background:	This gene encodes a member of the serine/threonine protein kinase family, that is highly similar

## Target Details

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to yeast SPS1/STE20 kinase. Yeast SPS1/STE20 functions near the beginning of the MAP kinase signal cascades that is essential for yeast pheromone response. This kinase was shown to activate Jun kinase in mammalian cells, which suggested a role in stress response. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.

Cellular Localization: Cytoplasm

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Molecular Weight: 95 kDa

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Gene ID: 11183

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UniProt: [Q9Y4K4](#)

## Application Details

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Application Notes: WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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Comment: Positive Control: Molt-4

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

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Preservative: Thimerosal (Merthiolate)

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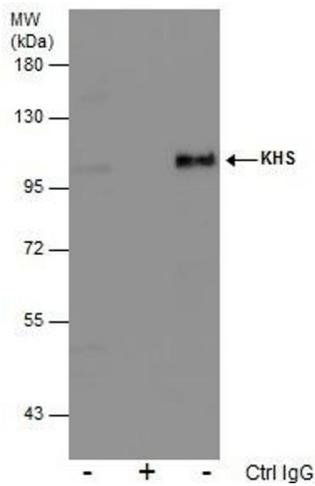
Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

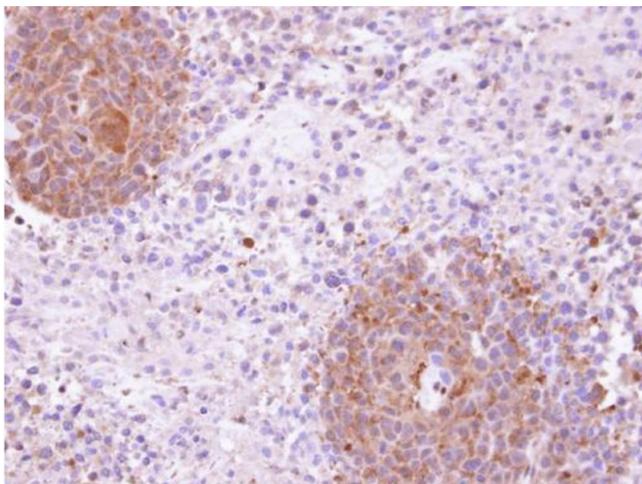
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Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



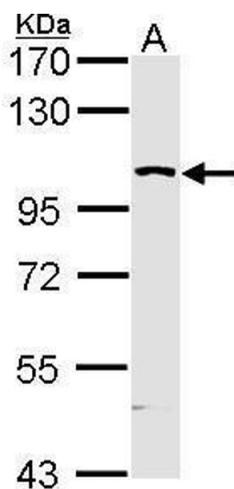
### Immunoprecipitation

**Image 1.** IP Image Immunoprecipitation of KHS protein from 293T whole cell extracts using 5 µg of KHS antibody, Western blot analysis was performed using KHS antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.



### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded SAS xenograft, using KHS, antibody at 1:100 dilution.



### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: Molt-4, 12% SDS PAGE MAP4K5 antibody antibody diluted at 1:5000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856668.