



[Go to Product page](#)

Datasheet for ABIN6738482  
**anti-MAP4K2 antibody (AA 216-265)**

1 Image

Overview

Quantity:	100 µL
Target:	MAP4K2
Binding Specificity:	AA 216-265
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Zebrafish (Danio rerio), Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa216-265 of human MAP4K2 (Q12851, NP_004570). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Galago, Mouse, Rat, Elephant, Bovine, Bat, Horse (100%), Monkey, Marmoset, Panda, Dog, Pig, Armadillo, Salmon (92%), Rabbit, Guinea pig, Zebrafish (84%), Orangutan, Opossum, Zebra finch, Chicken, Platypus, Lizard, Xenopus, Stickleback (83%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human MAP4K2 / GCK
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Horse (100%) Dog, Pig (92%) Guinea pig (84%) Zebrafish (83%).

## Product Details

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Purification: Immunoaffinity purified

## Target Details

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Target: MAP4K2

Alternative Name: GCK / Germinal Center Kinase ([MAP4K2 Products](#))

Background: Name/Gene ID: MAP4K2

Subfamily: KHS

Family: Protein Kinase

Synonyms: MAP4K2, BL44, GC kinase, Rab8 interacting protein, RAB8IP, Rab8-interacting protein, Germinal center kinase, MEK kinase kinase 2, MEKKK 2

Gene ID: 5871

NCBI Accession: [NP\\_004570](#)

UniProt: [Q12851](#)

## Application Details

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Application Notes: Approved: WB

Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1  $\mu$ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Distilled Water.

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

## Handling

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Storage: 4 °C, -20 °C

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Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images

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**Image 1.**