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#### Overview

Quantity:	100 μL
Target:	MAP4K4
Binding Specificity:	AA 287-336
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Dog, Guinea Pig, Cow, Pig, Bat, Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

#### **Product Details**

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa287-336 of human MAP4K4 (095819, NP_004825).
	Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Galago, Marmoset,
	Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra
	finch, Chicken, Xenopus (100%), Monkey, Platypus, Lizard, Stickleback, Zebrafish (92%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human MAP4K4
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Guinea pig,
	Chicken (100%).

### **Product Details** Purification: Immunoaffinity purified **Target Details** Target: MAP4K4 Alternative Name MAP4K4 / NIK (MAP4K4 Products) Background: Name/Gene ID: MAP4K4 Subfamily: MSN Family: Protein Kinase Synonyms: MAP4K4, HGK, HPK/GCK-like kinase HGK, KIAA0687, Misshapen, NIK, Nckinteracting kinase, HPK/GCK-like kinase, Ste20 group protein kinase HGK, MEKKK 4, MEKKK4, Zc1, FLH21957, MEK kinase kinase 4 Gene ID: 9448 NCBI Accession: NP\_004825 UniProt: 095819 **Application Details** Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Application Notes: Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody. Comment: Target Species of Antibody: Human Restrictions: For Research Use only Handling Format: Lyophilized Reconstitution: Reconstitute with 50 µL sterile ddH20. Concentration: Lot specific Lyophilized from PBS with 2 % sucrose Buffer:

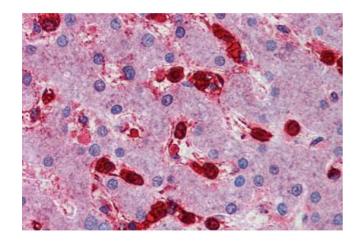
Avoid repeat freeze-thaw cycles.

Handling Advice:

#### Handling

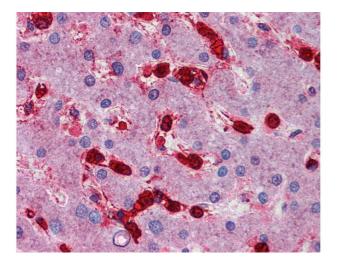
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long
	term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

#### **Images**



## Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

**Image 1.** Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### **Immunohistochemistry**

**Image 2.** Anti-MAP4K4 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...