

# Product Datasheet

## MAP4K1 Antibody NB100-1045

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-1045****MAP4K1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

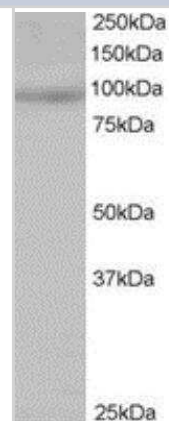
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat MAP4K1 Antibody (NB100-1045) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MAP4K1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	11184
<b>Gene Symbol</b>	MAP4K1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Porcine, Bovine.
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise isoform 1 (NP_001036065.1) and isoform 2 (NP_009112.1).
<b>Immunogen</b>	Peptide with sequence DVVDPDIFNRDPR-C corresponding to N-Terminus according to NP_001036065.1, NP_009112.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.5 - 2 ug/ml, Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 95-100 kDa band observed in Jurkat (predicted MW of 96 kDa band according to NP_009112). IHC: Paraffin embedded Human Thymus.

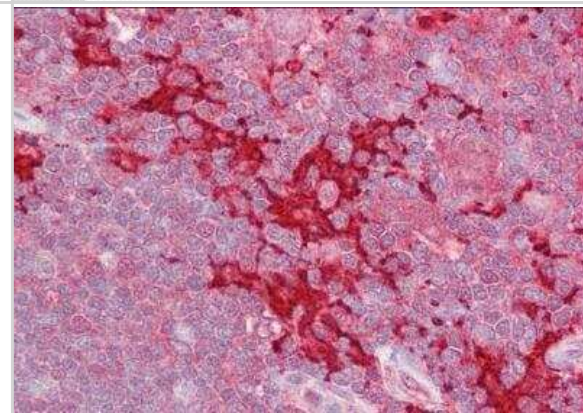


## Images

Western Blot: MAP4K1 Antibody [NB100-1045] - Staining (0.5ug/ml) of Jurkat lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry-Paraffin: MAP4K1 Antibody [NB100-1045] - staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Hu MC, Qiu WR, Wang X et al. Human HPK1, a novel human hematopoietic progenitor kinase that activates the JNK/SAPK kinase cascade. *Genes Dev* 1996-09-15 [PMID: 8824585]



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### **Products Related to NB100-1045**

NB800-PC2	Jurkat Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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