

# Product Datasheet

## MAP3K12 Antibody NBP2-17218

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 9/9/2025 v.20.1

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**NBP2-17218****MAP3K12 Antibody**

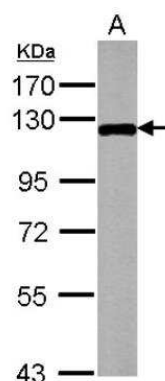
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol, 1% BSA
<b>Target Molecular Weight</b>	96 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit MAP3K12 Antibody (NBP2-17218) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-MAP3K12 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7786
<b>Gene Symbol</b>	MAP3K12
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of mouse MAP3K12. The exact sequence is proprietary.

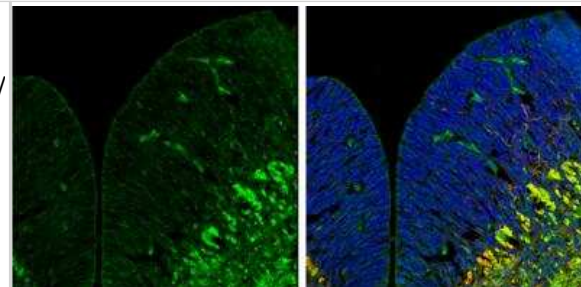
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Simple Western, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000
<b>Application Notes</b>	See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Mouse Retinal Ganglion Cells, separated by Size

**Images**

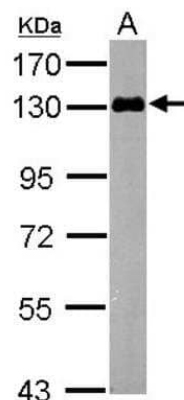
Western Blot: MAP3K12 Antibody [NBP2-17218] - A. 20 ug mouse embryonic stem cell whole cell lysate/extract 7.5 % SDS-PAGE  
DLK/MAP3K12 antibody dilution: 1:1000



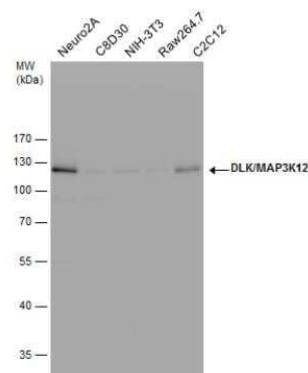
Immunohistochemistry-Frozen: MAP3K12 Antibody [NBP2-17218] - Frozen sectioned E13.5 Rat brain. Green: DLK/MAP3K12 protein stained by DLK/MAP3K12 antibody diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



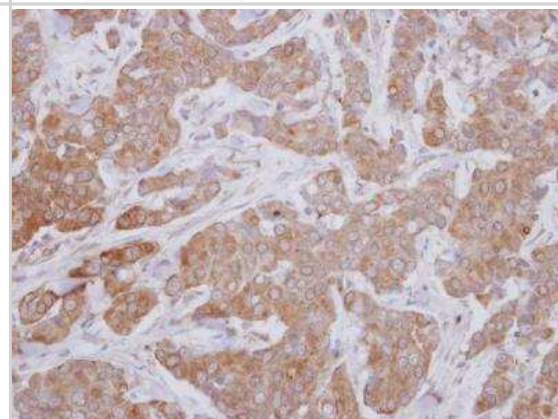
Western Blot: MAP3K12 Antibody [NBP2-17218] - Sample (50 ug of whole cell lysate) A: mouse brain 7.5% SDS PAGE diluted at 1:1000.



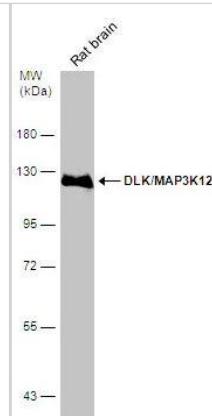
Western Blot: MAP3K12 Antibody [NBP2-17218] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with DLK/MAP3K12 antibody diluted by 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: MAP3K12 Antibody [NBP2-17218] - Analysis of paraffin-embedded Breast ca, using antibody at 1:250 dilution.



Western Blot: MAP3K12 Antibody [NBP2-17218] -Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with DLK/MAP3K12 antibody diluted at 1:1000.



## Publications

Chandrasekhar A, Komirishetty P, Areti A et al. Dual Specificity Phosphatases Support Axon Plasticity and Viability Mol. Neurobiol. 2020-09-21 [PMID: 32959171]

Welsbie DS, Mitchell KL, Jaskula-Ranga V et al. Enhanced Functional Genomic Screening Identifies Novel Mediators of Dual Leucine Zipper Kinase-Dependent Injury Signaling in Neurons. Neuron. 2017-06-21 [PMID: 28641113]



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### **Products Related to NBP2-17218**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-58000PEP	MAP3K12 Recombinant Protein Antigen

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### **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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