

Product Datasheet

MAP3K8/Tpl2/COT Antibody

NBP1-62178-50ug

Unit Size: 50 ug

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

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NBP1-62178-50ug**MAP3K8/Tpl2/COT Antibody**

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris/Glycine buffer, pH 7.4-7.8, HEPES,BSA 0.5%, glycerol 30%.

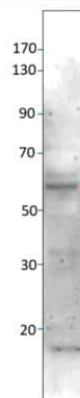
Product Description	
Host	Rabbit
Gene ID	1326
Gene Symbol	MAP3K8
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody detects a single band of approximately 57kDa in PC-MAP3K8 samples
Immunogen	Synthetic peptides corresponding to unique epitope on MAP3K8. The peptide sequence was selected from C-terminal-region, amino acids 365-467. This peptide was covalently modified post-synthetically to achieve desired antigenicity.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot > 1:500, ELISA < 1:10000, Immunohistochemistry 1:50-1:150, Immunoprecipitation 1:200, Immunohistochemistry-Paraffin 1:50-1:150
Application Notes	By western blot this antibody detects a single band of approximately 57kDa in PC-MAP3K8 samples.

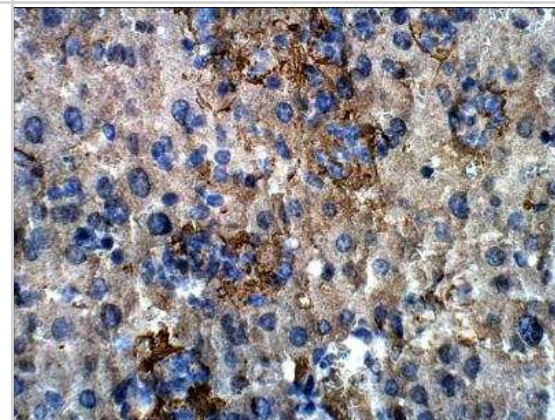


Images

Western Blot: MAP3K8/Tpl2/COT Antibody [NBP1-62178] - 50-60 ug of rat midbrain protein. Primary antibody is diluted with 1:500 in DiluOBuffer. Apparent MW of MAP3K8 is 57 KDa.



Immunohistochemistry-Paraffin: MAP3K8/Tpl2/COT Antibody [NBP1-62178] - 1:1000 dilution in IHC Blocking Buffer. DAB (brown) staining and Hematoxylin QS (blue) counterstain. 40x MAGNIFICATION. FFPE section.



Publications

Jager J, Gremeaux T, Gonzalez T, Bonnafous S, Debard C, Laville M, Vidal H, Tran A, Gual P, Le Marchand-Brustel Y, Cormont M, Tanti JF. Tpl2 kinase is upregulated in adipose tissue in obesity and may mediate interleukin-1beta and tumor necrosis factor- α effects on extracellular signal-regulated kinase activation and lipolysis. *Diabetes*;59(1):61-70. 2010-01-01 [PMID: 19808894]

Jeong JH, Bhatia A, Toth Z, Oh S, Inn KS, Liao CP, Roy-Burman P, Melamed J, Coetzee GA, Jung JU. TPL2/COT/MAP3K8 (TPL2) activation promotes androgen depletion-independent (ADI) prostate cancer growth. *PLoS One*;6(1):e16205. 2011-01-18 [PMID: 21267413]

Mielke LA, Elkins KL, Wei L, Starr R, Tschlis PN, O'Shea JJ, Watford WT. Tumor progression locus 2 (Map3k8) is critical for host defense against *Listeria monocytogenes* and IL-1 beta production. *J Immunol*;183(12):7984-93. 2009-12-15 [PMID: 19933865]

O'Neill LA. When signaling pathways collide: positive and negative regulation of toll-like receptor signal transduction. *Immunity*;29(1):12-20. 2008-07-18 [PMID: 18631453]



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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-86569PEP	MAP3K8/Tpl2/COT Recombinant Protein Antigen

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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