

Product Datasheet

MKP-1/DUSP1 Antibody NB100-834

Unit Size: 0.1 mg

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

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NB100-834**MKP-1/DUSP1 Antibody**

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

Product Description	
Host	Goat
Gene ID	1843
Gene Symbol	DUSP1
Species	Human, Rat
Reactivity Notes	Rat reactivity reported from a verified customer review.
Immunogen	Peptide with sequence SYLQSPITTSPSC corresponding to C-Terminus according to NP_004408.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 8 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 40 kDa band observed in human lysates of HeLa (calculated MW of 39.3 kDa band according to NP_004408.1). Customers have reported positive results on mouse microglia (BV2 cells), rat primary microglia, and rat spinal cord homogenate.

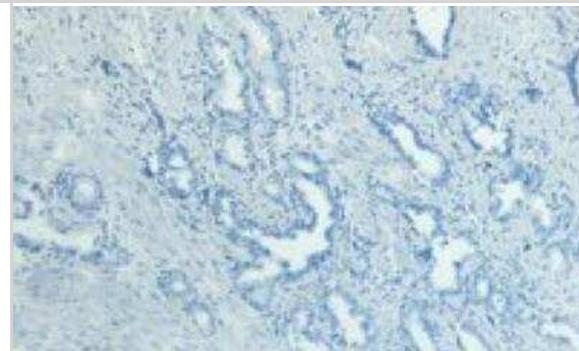


Images

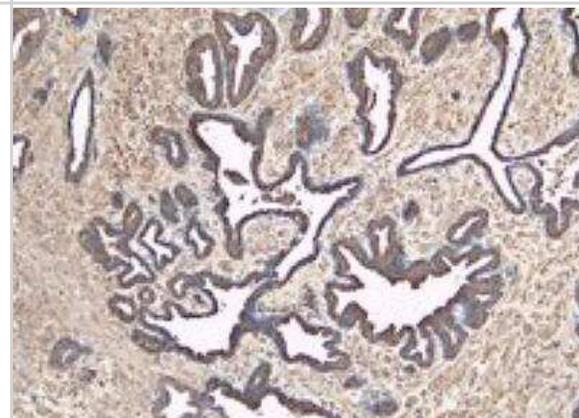
Western Blot: MKP-1/DUSP1 Antibody [NB100-834] - Staining of HeLa cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: MKP-1/DUSP1 Antibody [NB100-834] - Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



Immunohistochemistry-Paraffin: MKP-1/DUSP1 Antibody [NB100-834] - Staining of paraffin embedded Human Prostate. Antibody at 8 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Alessi DR, Smythe C, Keyse SM. The human CL100 gene encodes a Tyr/Thr-protein phosphatase which potently and specifically inactivates MAP kinase and suppresses its activation by oncogenic ras in *Xenopus* oocyte extracts. *Oncogene* 1993-07-01 [PMID: 8390041]



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Products Related to NB100-834

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
H00001843-P01-10ug	Recombinant Human MKP-1/DUSP1 GST (N-Term) Protein

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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