

# Product Datasheet

## MKP-3/DUSP6 Antibody NBP2-26174

Unit Size: 0.1 mg

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

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**NBP2-26174****MKP-3/DUSP6 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

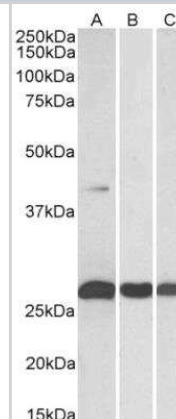
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	1848
<b>Gene Symbol</b>	DUSP6
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_001937.2; NP_073143.2).
<b>Immunogen</b>	Peptide with sequence C-PSNQNVYQVDSLQST corresponding to C-Terminus according to NP_073143.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	WB: Approx. 26 kDa band observed in mouse and rat heart lysates and 40 kDa band plus 26 kDa band bands observed in human and porcine heart lysates (calculated MW of 42.3 kDa band according to NP_001937.2 and 26.5 kDa band according to NP_073143.2).

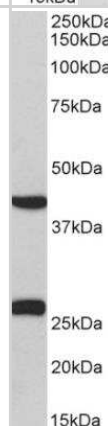


## Images

Western Blot: MKP-3/DUSP6 Antibody [NBP2-26174] - Human (A), (Mouse) and Rat (C) Heart lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: MKP-3/DUSP6 Antibody [NBP2-26174] - Pig Heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Geetha N, Mihaly J, Stockenhuber A et al. Signal integration and coincidence detection in the mitogen-activated protein kinase/extracellular signal-regulated kinase (ERK) cascade: concomitant activation of receptor tyrosine kinases and of LRP-1 leads to sustained ERK phosphorylation via down-regulation of dual specificity phosphatases (DUSP1 and -6). J Biol Chem 2011-07-22 [PMID: 21610072]



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### **Products Related to NBP2-26174**

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
NBP2-51786-0.02mg	Recombinant Human MKP-3/DUSP6 His 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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