

# Product Datasheet

## MPG Antibody NB300-870

Unit Size: 0.1 mg

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

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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NB300-870****MPG 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>	4350
<b>Gene Symbol</b>	MPG
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize all three reported isoforms (NP_002425.2, NP_001015052.1 and NP_001015054.1)
<b>Immunogen</b>	Peptide with sequence C-SVVDRAEQDTQA corresponding to C-Terminus according to NP_002425.2, NP_001015052.1, NP_001015054.1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:1000
<b>Application Notes</b>	WB: Approx. 37 kDa band observed in lysates of HEK293 and K562 (calculated MW of 32.9 kDa band according to NP_002425.2).

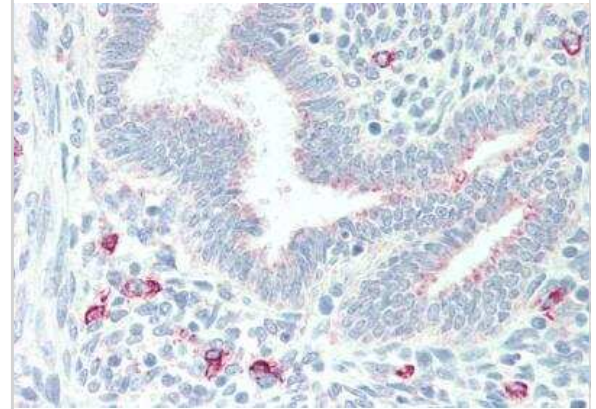


## Images

Western Blot: MPG Antibody [NB300-870] - HEK293 lysate (RIPA buffer, 35 ug total protein). Primary antibody at 1 ug/ml incubated for 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Immunohistochemistry-Paraffin: MPG Antibody [NB300-870] - Human uterus. Antibody at 5 ug/ml. Antigen retrieval with citrate buffer at pH 6. AP-staining.



## Publications

Samson L, Derfler B, Boosalis M, Call K. Cloning and characterization of a 3-methyladenine DNA glycosylase cDNA from human cells whose gene maps to chromosome 16. Proc Natl Acad Sci U S A 1991-10-15 [PMID: 1924375]



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### **Products Related to NB300-870**

NBL1-13197	MPG Overexpression 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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