

# Product Datasheet

## TRAF-2 Antibody NB100-56172

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. 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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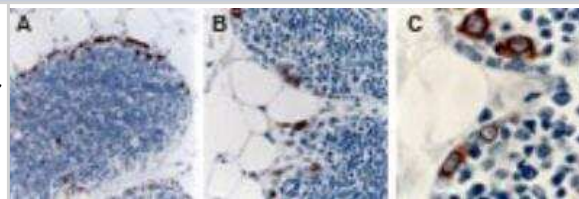
**NB100-56172**

## TRAF-2 Antibody

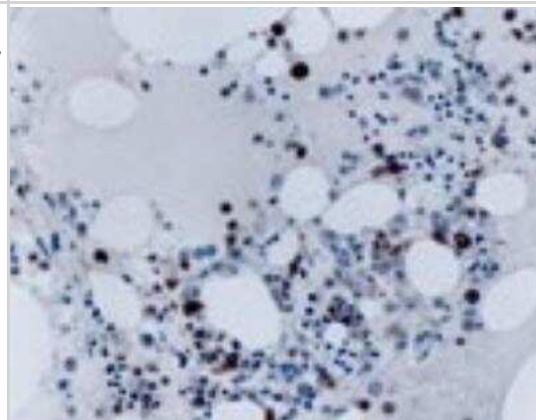
Product Information	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7186
<b>Gene Symbol</b>	TRAF2
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	The gene encoding TRAF2 produces, by alternative splicing, 15 different transcripts, all with introns, putatively encoding 15 different protein isoforms. These isoforms are of varying amino acid lengths. Therefore the molecular weight observed by western blot may vary, depending on the isoform expressed. Users are encouraged to use the peptide immunogen sequence information provided in the antigen section to gain additional information about the potential TRAF2 isoforms detected by the antibody.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 87-106 (SSSAFPDNAARREVELPAV) of human TRAF2 was used as immunogen, GenBank no. NP_066961.2. This peptide sequence is 100% conserved in mouse and rat TRAF2. The peptide immunogen sequence is 100% conserved in multiple human TRAF2 GenBank accession numbers. These TRAF2 accession numbers are of varying amino acid (aa) lengths and include: 1. NP_066961.2 = 501 aa. 2. CAI12705.1 = 121 aa. 3. CAI12704.1 = 422 aa. 4. CAI15104.1 = 193 aa. 5. BAD96681.1 = 205 aa.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1/1000 - 1/200, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 33471802), Immunoprecipitation, Immunohistochemistry-Paraffin 1/1000 - 1/500, Immunohistochemistry-Frozen Use at an assay dependent dilution

## Images

Immunohistochemistry-Paraffin: TRAF-2 Antibody [NB100-56172] - Analysis of TRAF-2 in formalin-fixed, paraffin-embedded normal human thymus sections using NB100-56172 at 1:2000. A-C, successively higher magnifications. Hematoxylin-eosin counterstain.



Immunohistochemistry: TRAF-2 Antibody [NB100-56172] - Analysis of TRAF2 in formalin-fixed, paraffin-embedded normal human bone marrow section using NB100-56172 at 1:2000. Hematoxylin-eosin counterstain.



## Publications

Stanfield BA, Purves T, Palmer S, et al. IL-10 and class 1 histone deacetylases act synergistically and independently on the secretion of proinflammatory mediators in alveolar macrophages PloS one 2021-01-20 [PMID: 33471802] (ICC/IF, Mouse)



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### **Products Related to NB100-56172**

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NBL1-17240	TRAF-2 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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