

# Product Datasheet

## CD39/ENTPD1 Antibody - BSA Free NBP1-90071

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 3/4/2026 v.20.1

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**NBP1-90071**

CD39/ENTPD1 Antibody - BSA Free

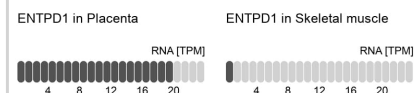
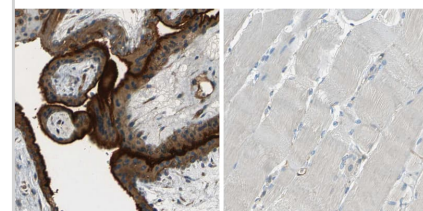
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	953
Gene Symbol	ENTPD1
Species	Human, Mouse, Porcine, Equine
Reactivity Notes	Equine reactivity reported in scientific literature (PMID: 26642303). Mouse reactivity reported in scientific literature (PMID: 27756600). Porcine reactivity per customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GVVHQVEECRVKGGPGISKFVQKVNEIGIYLTDCMERAREVIPRSQHQETPVYLG ATAGMRLLRMESEELADRVLDDVVERSLSNYPDFDQGARIIITGQEEGAYGWITIN YLLGKFSQKTRWFS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 26513260), Flow Cytometry Reactivity reported in (PMID: 26513260), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Validated from a verified customer review, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

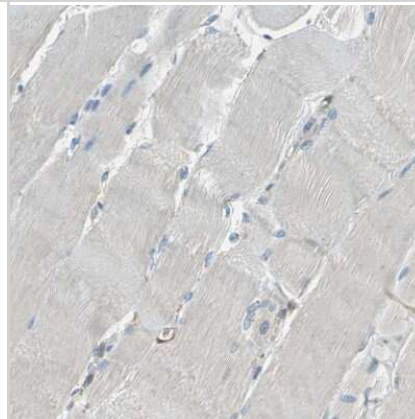
Analysis in human placenta and skeletal muscle tissues using NBP1-90071 antibody. Corresponding ENTPD1 RNA-seq data are presented for the same tissues.



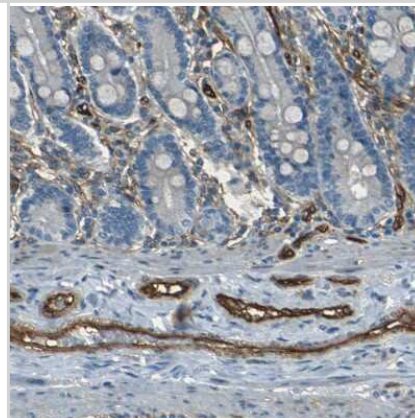
Immunohistochemistry-Paraffin: CD39/ENTPD1 Antibody [NBP1-90071]  
- Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



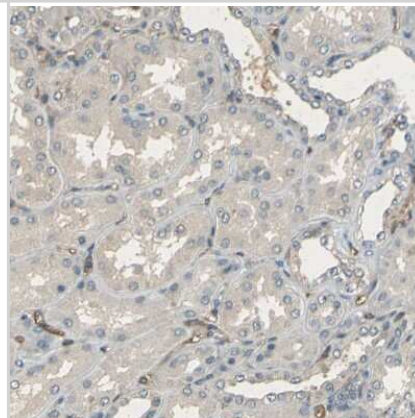
Immunohistochemistry-Paraffin: CD39/ENTPD1 Antibody [NBP1-90071]  
- Staining of human skeletal muscle shows no positivity in myocytes as expected.



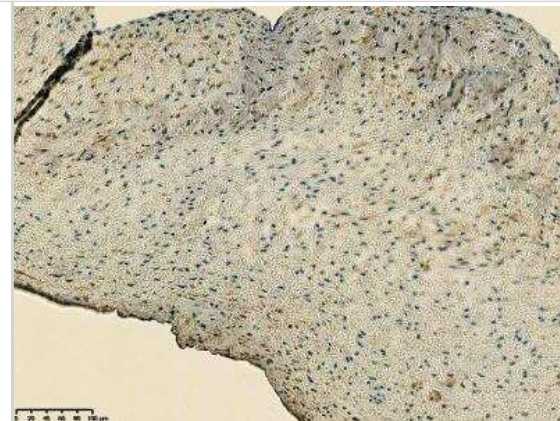
Immunohistochemistry-Paraffin: CD39/ENTPD1 Antibody [NBP1-90071]  
- Staining of human duodenum shows strong membranous positivity in endothelial cells.



Immunohistochemistry-Paraffin: CD39/ENTPD1 Antibody [NBP1-90071]  
- Staining of human kidney shows no positivity in cells in tubules as expected.



Immunohistochemistry-Paraffin: CD39/ENTPD1 Antibody [NBP1-90071]  
- Staining of pig aortic valve tissue. Image from verified customer review.



## Publications

Pang L, Ng KT, Liu J et al. Plasmacytoid dendritic cells recruited by HIF-1 alpha /eADO/ADORA1 signaling induce immunosuppression in hepatocellular carcinoma Cancer letters 2021-09-16 [PMID: 34536555] (IF/IHC, Human)

Smith SB, Xu Z, Novitskaya T et al. Impact of cardiac-specific expression of CD39 on myocardial infarct size in mice. Life Sci. 2016-10-15 [PMID: 27756600] (IHC-P, Mouse)

Boudreaux MK, Koehler J, Habecker PL, Piero FD. Evaluation of the genes encoding CD39/NTPDase-1 and CD39L1/NTPDase-2 in horses with and without abnormal hemorrhage and in horses with pathologic evidence of exercise-induced pulmonary hemorrhage. Vet Clin Pathol. 2015-12-07 [PMID: 26642303] (IHC-P, Equine)

Cinti A, De Giorgi M, Chisci E et al. Simultaneous Overexpression of Functional Human HO-1, E5NT and ENTPD1 Protects Murine Fibroblasts against TNF-alpha-Induced Injury In Vitro. PLoS One 2015-01-01 [PMID: 26513260] (FLOW, WB, Human)

Hayes GM, Cairns B, Levashova Z et al. CD39 is a promising therapeutic antibody target for the treatment of soft tissue sarcoma. Am J Transl Res 2015-01-01 [PMID: 26279761] (IF/IHC, Human)



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### **Products Related to NBP1-90071**

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NBP1-90071PEP	CD39/ENTPD1 Recombinant Protein Antigen
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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