

Product Datasheet

ACE-2 Antibody - BSA Free

NBP1-88123

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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NBP1-88123

ACE-2 Antibody - BSA Free

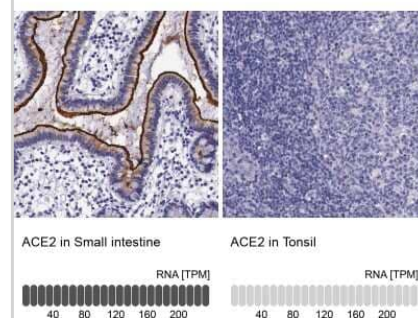
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	59272
Gene Symbol	ACE2
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 20398667)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSSSSWLLLLSLVAVTAAQSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNI TEENVQNMNNAGDKWSAFLKEQSTLAQMYPLQEIQNLTVKQLQLALQQNGSS VLSED

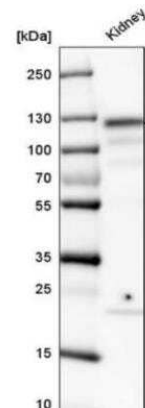
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Flow Cytometry, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

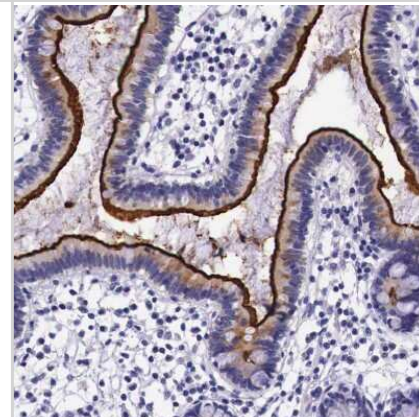
Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-88123] - Staining in human small intestine and tonsil tissues.. Corresponding ACE2 RNA-seq data are presented for the same tissues.



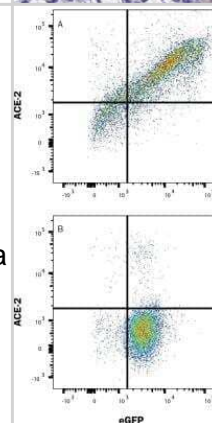
Western Blot: ACE-2 Antibody [NBP1-88123] - Analysis in human kidney tissue.



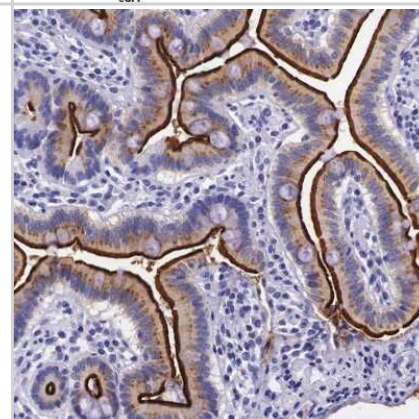
Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-88123] - Staining of human small intestine shows strong positivity in apical membranes in glandular cells.



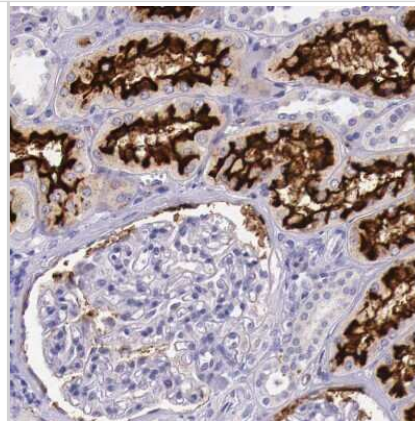
Flow Cytometry: ACE-2 Antibody [NBP1-88123] - Detection of ACE-2 in HEK293 Human Cell Line Transfected with Human ACE-2 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with (A) human ACE-2 or (B) irrelevant protein, and eGFP was stained with Rabbit Anti-Human ACE-2 Polyclonal Antibody (Catalog # NBP1-88123) followed by Allophycocyanin-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # F0111). Quadrant markers were set based on Rabbit IgG control antibody staining (Catalog # MAB1050, data not shown). View our protocol for Staining Membrane-associated Proteins.



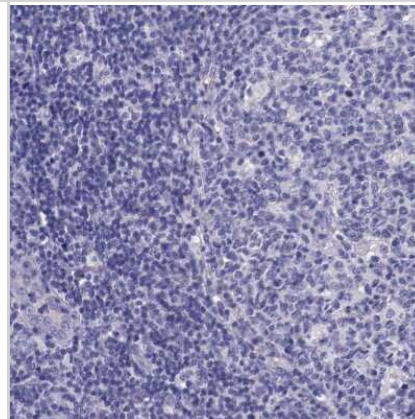
Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-88123] - Staining of human duodenum shows strong positivity in apical membranes in glandular cells.



Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-88123] - Staining of human kidney shows strong positivity in apical membrane in cells in tubules.



Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-88123] - Staining of human tonsil shows no positivity in lymphoid cells as expected.



Publications

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. *Proteome Sci* 2011-11-17 [PMID: 22093360]

Lee HJ, Nam KT, Park HS et al. Gene expression profiling of metaplastic lineages identifies CDH17 as a prognostic marker in early stage gastric cancer. *Gastroenterology* 2010-07-01 [PMID: 20398667]



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Products Related to NBP1-88123

NBP1-88123PEP	ACE-2 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

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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