

Product Datasheet

Carnosine Dipeptidase 1/CNDP1 Antibody - BSA Free NBP1-85528

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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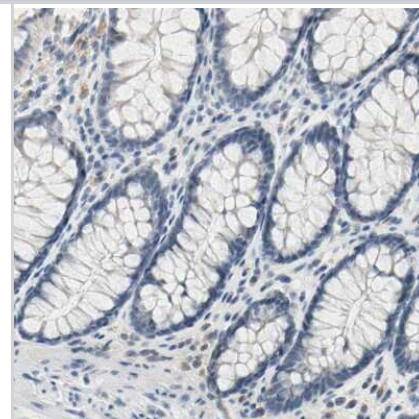
NBP1-85528**Carnosine Dipeptidase 1/CNDP1 Antibody - BSA Free**

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	
Description	Novus Biologicals Rabbit Carnosine Dipeptidase 1/CNDP1 Antibody - BSA Free (NBP1-85528) is a polyclonal antibody validated for use in IHC. Anti-Carnosine Dipeptidase 1/CNDP1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84735
Gene Symbol	CNDP1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%). Reactivity reported in scientific literature (PMID: 21898641)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PALLEKVFQYIDLHQDEFVQTLKEWVAIESDSVQPVPRFRQELFRMMAVAADT LQRLGARVASVDMGPQQLPDGQSLPIPPVILAE LGSDPTKGTVC FYGHL
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



Images

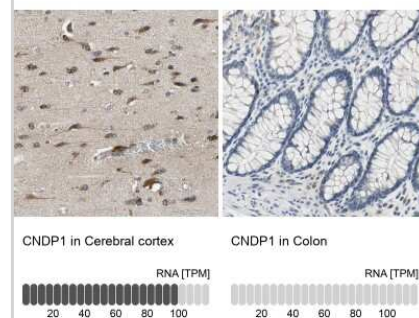
Immunohistochemistry-Paraffin: Carnosine Dipeptidase 1/CNDP1 Antibody [NBP1-85528] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: Carnosine Dipeptidase 1/CNDP1 Antibody [NBP1-85528] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: Carnosine Dipeptidase 1/CNDP1 Antibody [NBP1-85528] - Staining in human cerebral cortex and colon tissues using anti-CNDP1 antibody. Corresponding CNDP1 RNA-seq data are presented for the same tissues.



Publications

Arner P, Henjes F, Schwenk JM et al. Circulating Carnosine Dipeptidase 1 Associates with Weight Loss and Poor Prognosis in Gastrointestinal Cancer. PLoS One 2015-01-01 [PMID: 25898255] (Human)

Hjelm B, Forsstrom B, Igel U et al. Generation of monospecific antibodies based on affinity capture of polyclonal antibodies. Protein Sci 2011-11-01 [PMID: 21898641]

Ulrika Qundos, Henrik Johannesson, Claudia Fredolini et al. Analysis of plasma from prostate cancer patients links decreased carnosine dipeptidase 1 levels to lymph node metastasis. Translational Proteomics 2014-01-01

Adelmann K, Frey D, Riedl E et al. Different conformational forms of serum carnosinase detected by a newly developed sandwich ELISA for the measurements of carnosinase concentrations. Amino Acids 2012-07-01 [PMID: 22349764]

Schwenk JM, Igel U, Neiman M et al. Toward next generation plasma profiling via heat-induced epitope retrieval and array-based assays. Mol Cell Proteomics 2010-11-01 [PMID: 20682762]

Peters V, Kebbewar M, Jansen EW et al. Relevance of allosteric conformations and homocarnosine concentration on carnosinase activity. Amino Acids 2010-05-01 [PMID: 19915793]



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Products Related to NBP1-85528

NBP1-85528PEP	Carnosine Dipeptidase 1/CNDP1 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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