

Product Datasheet

Carbonic Anhydrase II/CA2 Antibody - BSA Free NBP2-52736

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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NBP2-52736

Carbonic Anhydrase II/CA2 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

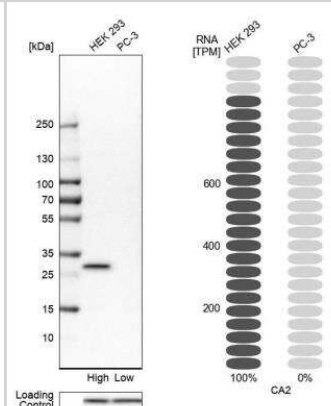
Product Description	
Description	Novus Biologicals Rabbit Carbonic Anhydrase II/CA2 Antibody - BSA Free (NBP2-52736) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	760
Gene Symbol	CA2
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25400751).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YGKHNGPEHWHKDFPIAKGERQSPVDIDTHTAKYDPSLKPLSVSYDQATSLRIL NNGHAFNVEFDDSDQKAVLKGGPLDGTYRLIQFHFHWGSLDGQGSEHTVDKK KYAAELHLVHWNTKYGDFGKAVQQPDGLAVLG

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

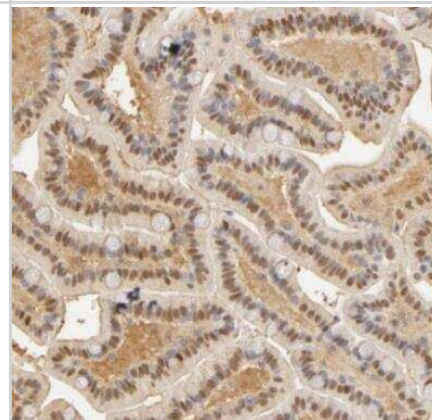


Images

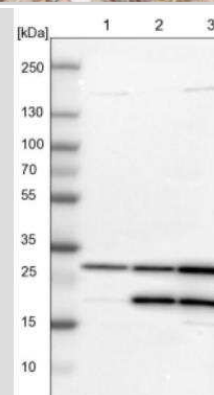
Western Blot: Carbonic Anhydrase II/CA2 Antibody [NBP2-52736] - Analysis in human cell lines HEK293 and PC-3 using Anti-CA2 antibody. Corresponding CA2 RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



Immunohistochemistry-Paraffin: Carbonic Anhydrase II/CA2 Antibody [NBP2-52736] - Staining of human duodenum shows nuclear positivity in glandular cells.



Western Blot: Carbonic Anhydrase II/CA2 Antibody [NBP2-52736] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)
Lane 3: PC12 cell lysate (Pheochromocytoma of rat adrenal medulla)





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Products Related to NBP2-52736

NBP2-52736PEP	Carbonic Anhydrase II/CA2 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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