

Product Datasheet

Carbonic Anhydrase XIV/CA14 Antibody - BSA Free NBP1-87477

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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NBP1-87477

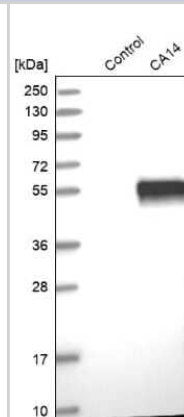
Carbonic Anhydrase XIV/CA14 Antibody - BSA Free

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 XIV/CA14 Antibody - BSA Free (NBP1-87477) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23632
Gene Symbol	CA14
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GQHWTYEGPHGQDHPASYPECGNNAQSPIDIQTDSVTFDPDLPALQPHGYD QPGTEPLDLHNNGHTVQLSLPSTLYLGGLPRKYVAAQLHLHWGQKGSPGGSE HQINSEATFAELHIVHYDSDSYDSLSEAAERPQGLAVLGIL
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

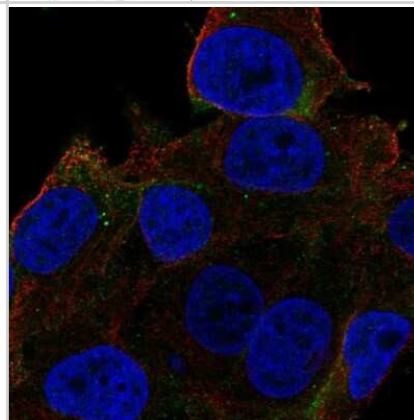


Images

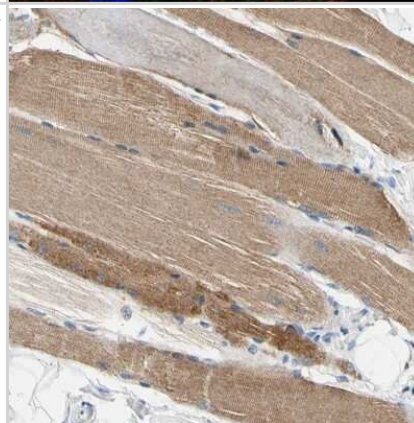
Western Blot: Carbonic Anhydrase XIV/CA14 Antibody [NBP1-87477] - Analysis in control (vector only transfected HEK293T lysate) and CA14 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: Carbonic Anhydrase XIV/CA14 Antibody [NBP1-87477] - Staining of human cell line SK-MEL-30 shows localization to plasma membrane. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Carbonic Anhydrase XIV/CA14 Antibody [NBP1-87477] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.





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Products Related to NBP1-87477

NBP1-87477PEP	Carbonic Anhydrase XIV/CA14 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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