

Rabbit anti-Human, Mouse CA14 Polyclonal Antibody | anti-CA14 antibody

CA14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233119	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

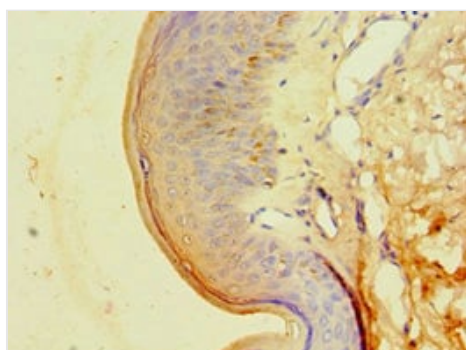
PRODUCT SYNONYMS

CA14; Polyclonal Antibody; CA14 Antibody; Carbonate dehydratase XIV; Carbonic anhydrase XIV; CA-XIV; anti-CA14 antibody

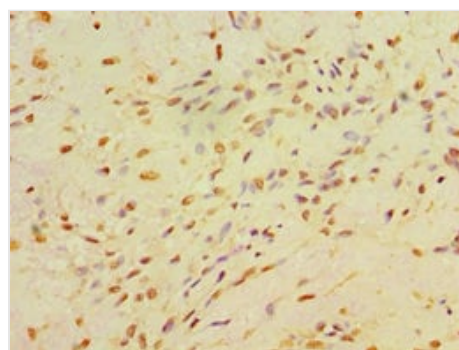
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	337
Applicable Applications for anti-CA14 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Carbonic anhydrase 14 protein (16-290AA)
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17256 / sc-17258 / sc-25602
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

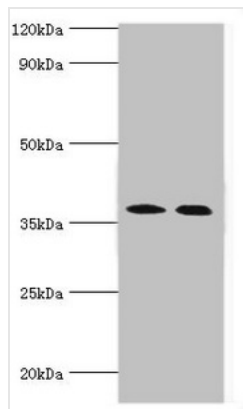
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human skin tissue using AAA233119 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA233119 at dilution 1:100



WB (Western Blot)

All lanes: Carbonic anhydrase 14 antibody at 5ug/ml
 Lane 1: mouse liver tissue
 Lane 2: jurkat whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 38kDa
 Observed band size: 38kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CA14 antibody	Reversible hydration of carbon dioxide.
References	[1]"The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment." Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P., Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E. Gray A.M. Genome Res. 13: 2265-2270(2003). [2]"Complete sequencing and characterization of 21, 243 full-length human cDNAs." Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S. Sugano S. Nat. Genet. 36: 40-45(2004). [3]"Cloning of human full-length CDSs in BD Creator(TM) system donor vector." Kalnine N., Chen X., Rolfs A., Halleck A., Hines L., Eisenstein S., Koundinya M., Raphael J., Moreira D., Kelley T., LaBaer J., Lin Y., Phelan M., Farmer A. Submitted (MAY-2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912284
NCBI GeneID	23632
NCBI Accession #	NP_036245.1
NCBI GenBank Nucleotide #	NM_012113.2
UniProt Accession #	Q9ULX7; Q5TB24; Q8NCF4
Molecular Weight	37,668 Da
NCBI Official Full Name	carbonic anhydrase 14
NCBI Official Synonym Full Names	carbonic anhydrase 14
NCBI Official Symbol	CA14
NCBI Official Synonym Symbols	CAXiV
NCBI Protein Information	carbonic anhydrase 14
UniProt Protein Name	Carbonic anhydrase 14
UniProt Gene Name	CA14
UniProt Synonym Gene Names	CA-XIV
UniProt Entry Name	CAH14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ca14-antibody-immunohistochemistry-western-blot-elisa/233119>