

Rabbit anti-Human CA13 Polyclonal Antibody | anti-CA13 antibody

CA13 Antibody

CATALOG # AAA232991	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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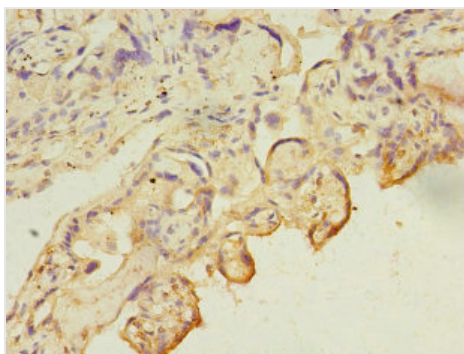
PRODUCT SYNONYMS

CA13; Polyclonal Antibody; CA13 Antibody; Carbonic anhydrase 13; Carbonate dehydratase XIII; Carbonic anhydrase XIII; CA-XIII; anti-CA13 antibody

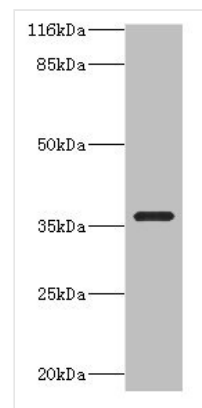
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	262
Applicable Applications for anti-CA13 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Carbonic anhydrase 13 protein (1-262AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54769 / sc-54770 / sc-67334
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 (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA232991 at dilution 1:100


WB (Western Blot)

Western blotAll lanes: CA13 antibody at 2ug/ml+NIH3T3 cellsSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 29kDaObserved band size: 36kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CA13 antibody	Reversible hydration of carbon dioxide.
References	[1]"Characterization of CA XIII, a novel member of the carbonic anhydrase isozyme family."Lehtonen J., Shen B., Vihinen M., Casini A., Scozzafava A., Supuran C.T., Parkkila A.-K., Saarnio J., Kivelae A.J., Waheed A., Sly W.S., Parkkila S. J. Biol. Chem. 279: 2719-2727(2004). [2]"Crystal structure of human carbonic anhydrase XIII and its complex with the inhibitor acetazolamide."Di Fiore A., Monti S.M., Hilvo M., Parkkila S., Romano V., Scaloni A., Pedone C., Scozzafava A., Supuran C.T., De Simone G.Proteins 74: 164-175(2009). [3]"X-ray structure of human carbonic anhydrase 13 in complex with inhibitor." Structural genomics consortium (SGC)Submitted (FEB-2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	38348436
NCBI GeneID	377677
NCBI Accession #	NP_940986.1
NCBI GenBank Nucleotide #	NM_198584.2
UniProt Accession #	Q8N1Q1
Molecular Weight	29,443 Da
NCBI Official Full Name	carbonic anhydrase 13
NCBI Official Synonym Full Names	carbonic anhydrase 13
NCBI Official Symbol	CA13
NCBI Official Synonym Symbols	CAXIII
NCBI Protein Information	carbonic anhydrase 13
UniProt Protein Name	Carbonic anhydrase 13
UniProt Gene Name	CA13
UniProt Synonym Gene Names	CA-XIII
UniProt Entry Name	CAH13_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/ca13-antibody-immunohistochemistry-western-blot-elisa/232991>