

Rabbit anti-Human CA3 Polyclonal Antibody | anti-CA3 antibody

CA3 Antibody

CATALOG # AAA308345	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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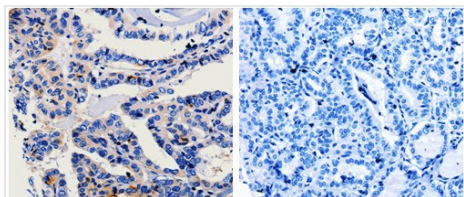
PRODUCT SYNONYMS

CA3; Polyclonal Antibody; CA3 Antibody; Carbonic anhydrase 3; Car3; CAIII; anti-CA3 antibody

PRODUCT SPECIFICATIONS

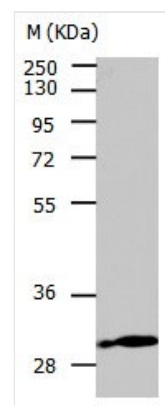
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CA3 protein.
Form/Format	Supplied at 0.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1734
Applicable Applications for anti-CA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 260 amino acids of Human Carbonic anhydrase 3
Target Name	CA3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 31045(CA3 Antibody) at dilution 1/25, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug Human fetal kidney tissue lysate Primary antibody: 1/500 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CA3 antibody	Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide and are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle. A proportion of carriers of Duchenne muscle dystrophy have a higher CA3 level than normal. The gene spans 10.3 kb and contains seven exons and six introns.
Product Categories/Family for anti-CA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38114606
NCBI GeneID	761
Molecular Weight	29,557 Da
NCBI Official Full Name	Homo sapiens carbonic anhydrase III, muscle specific, mRNA
NCBI Official Synonym Full Names	carbonic anhydrase III
NCBI Official Symbol	CA3
NCBI Official Synonym Symbols	Car3; CAIII
NCBI Protein Information	carbonic anhydrase 3
UniProt Protein Name	Carbonic anhydrase 3
UniProt Gene Name	CA3
UniProt Synonym Gene Names	CA-III
UniProt Entry Name	CAH3_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://www.aaabiotech.com/polyclonal/ca3-antibody-immunohistochemistry-western-blot-elisa/308345>