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

CA3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174252	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

CA3; Polyclonal Antibody; CA3 Polyclonal Antibody; CA III; CA-III; Ca3; CAH3; CAIII; Car3; Carbonate dehydratase III; Carbonic anhydrase 3; Carbonic anhydrase III; Carbonic anhydrase III muscle specific; EC 4.2.1.1; Epididymis secretory sperm binding protein Li 167mP; HEL S 167mP; anti-CA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-CA3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human CA3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using CA3 antibody.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CA3 antibody.

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	Cancer; Cell Biology; Cardiovascular; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885099
NCBI GeneID	761
NCBI Accession #	NP_005172.1
NCBI GenBank Nucleotide #	NM_005181.4
UniProt Accession #	P07451; O60842; B2R867; B3KUC8
Molecular Weight	Calculated: 29kDa Observed: 30kDa
NCBI Official Full Name	carbonic anhydrase 3
NCBI Official Synonym Full Names	carbonic anhydrase 3
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ca3-antibody-immunofluorescence-western-blot-elisa/174252