

Carbonic Anhydrase 3 (CA3) Antibody

Catalogue No.: abx033550



Carbonic anhydrase III (CAIII) is a member of 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.

Target: Carbonic Anhydrase 3 (CA3)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human CA3.

Isotype: IgG

Datasheet

Version: 2.0.0

Revision date: 05 Aug 2025



Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07451 (UniProt , ExPASy)
KEGG:	hsa:761
String:	9606.ENSP00000285381
Molecular Weight:	Calculated MW: 29.6 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat CA3.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only