

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3)
Mouse Monoclonal Antibody
Catalog # ALS14023**Specification**

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Product Information

Application	WB, IHC
Primary Accession	P07451
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	30kDa KDa

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Additional Information**Gene ID** 761**Other Names**

Carbonic anhydrase 3, 4.2.1.1, Carbonate dehydratase III, Carbonic anhydrase III, CA-III, CA3

Target/Specificity

Human Carbonic Anhydrase III

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) is for research use only and not for use in diagnostic or therapeutic procedures.

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Protein Information**Name** CA3 {ECO:0000303|PubMed:9651514, ECO:0000312|HGNC:HGNC:1374}**Function**

Reversible hydration of carbon dioxide.

Cellular Location

Cytoplasm.

Tissue Location

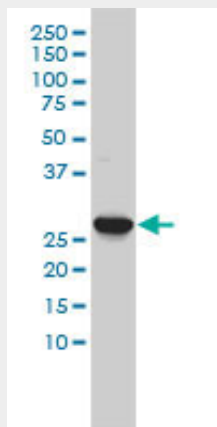
Muscle specific.

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Protocols

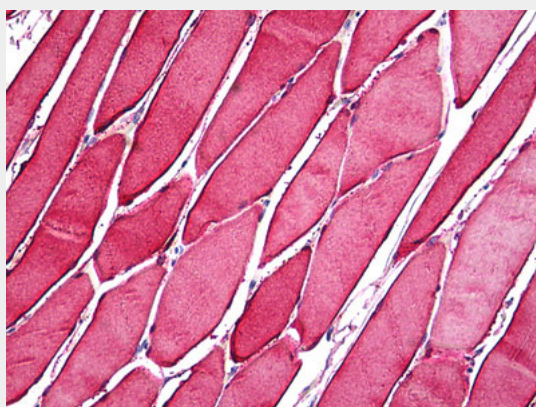
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Images



Western blot of CA3 expression in K-562 by CA3 monoclonal antibody (M02), clone 4A12-1A3.



Anti-CA3 / Carbonic Anhydrase III antibody IHC of human skeletal muscle.

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - Background

Reversible hydration of carbon dioxide.

CA3 / Carbonic Anhydrase III Antibody (clone 4A12-1A3) - References

- Lloyd J., et al. Gene 41:233-239(1986).
Wade R., et al. Proc. Natl. Acad. Sci. U.S.A. 83:9571-9575(1986).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Lloyd J., et al. Genes Dev. 1:594-602(1987).