

Product datasheet for **AM31155PU-N**

Carbonic Anhydrase III (CA3) Mouse Monoclonal Antibody [Clone ID: 4A12-1A3]

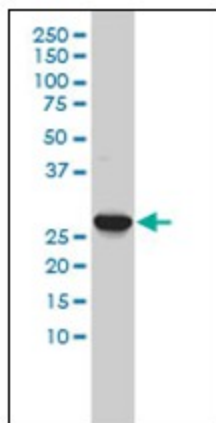
Product data:

Product Type:	Primary Antibodies
Clone Name:	4A12-1A3
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CA3 antibody was raised against recombinant protein
Specificity:	This antibody reacts to CA3 / Carbonic Anhydrase III.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	carbonic anhydrase 3
Database Link:	Entrez Gene 761 Human P07451
Synonyms:	Carbonic anhydrase III, Carbonate dehydratase III, CA3, CA-III
Protein Families:	Druggable Genome
Protein Pathways:	Nitrogen metabolism

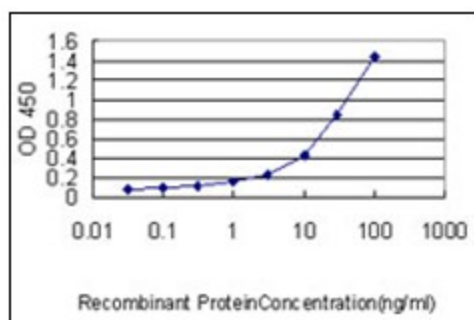


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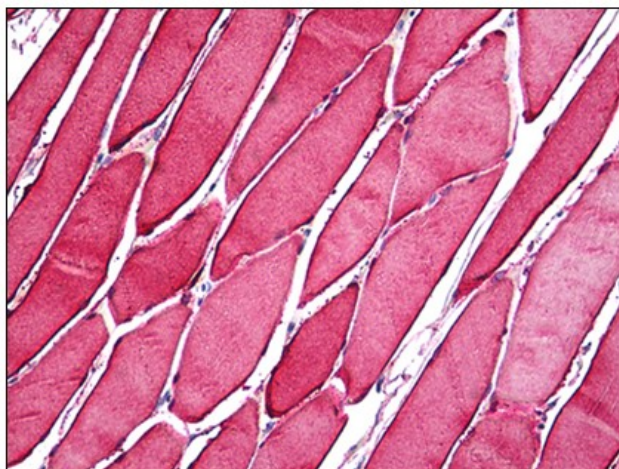
Product images:



Western Blot analysis of CA3 expression in K-562 by CA3 monoclonal antibody, clone 4A12-1A3.



Detection limit for recombinant GST tagged CA3 is approximately 1 ng/ml as a capture antibody.



Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)