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Datasheet for ABIN1000843

CA3 Protein (AA 1-260) (His tag)

Overview

Quantity:	10 µg
Target:	CA3
Protein Characteristics:	AA 1-260
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CA3 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Carbonic Anhydrase III (CA-III) (Western Blot Control)
Sequence:	MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH MAKEWGYASH NGPDHWHELP PNAKGENQSP VELHTKDIRH VSNWRPPQPI NNRVVRASFK
Characteristics:	recombinant CAIII comprises a 260 amino acid fragment (1-260) corresponding to the mature CAIII protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	CA3
Alternative Name:	Carbonic Anhydrase III (CA3 Products)
Background:	Carbonic anhydrase III is one of a group of ten zinc metalloenzymes that catalyse the reversible hydration of CO ₂ to form HCO ₃ ⁻ . CAIII is a cytoplasmic isoenzyme, but is released into the circulation following injury.,CAIII
Molecular Weight:	33.69 kDa
UniProt:	P07451

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C