

[Go to Product page](#)

Datasheet for ABIN872607 **anti-CA7 antibody (AA 86-150)**

Overview

Quantity:	100 µL
Target:	CA7
Binding Specificity:	AA 86-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CA7
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CA7
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Target Details

Alternative Name:	CA7 (CA7 Products)
Background:	<p>Synonyms: CA 7, CA VII, CA-VII, Ca7, CAH7_HUMAN, Car7, Carbonate dehydratase VII, Carbonic anhydrase 7, Carbonic anhydrase VII, Carbonic dehydratase, CAVII.</p> <p>Background: Carbonic anhydrases are a large family of zincmetalloenzymes that catalyze the reversible hydration of carbondioxide. They participate in a variety of biological processes,including respiration, calcification, acid-base balance, boneresorption, and the formation of aqueous humor, cerebrospinalfluid, saliva, and gastric acid. They show extensive diversity intissue distribution and in their subcellular localization. Thecytosolic protein encoded by this gene is predominantly expressedin the salivary glands. Alternative splicing in the coding regionresults in multiple transcript variants encoding differentisoforms. [provided by RefSeq, Jul 2008].</p>
Gene ID:	766

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months