

Rabbit CA7 Polyclonal Antibody | anti-CA7 antibody

CA7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327898	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

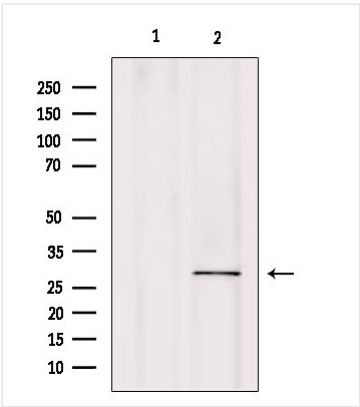
PRODUCT SYNONYMS

CA7; Polyclonal Antibody; CA7 Antibody; CA 7; CA VII; CA-VII; Ca7; CAH7_HUMAN; Carbonate dehydratase VII; Carbonic anhydrase 7; Carbonic anhydrase VII; Carbonic dehydratase VII; CAVII; EC=4.2.1.1; anti-CA7 antibody

PRODUCT SPECIFICATIONS

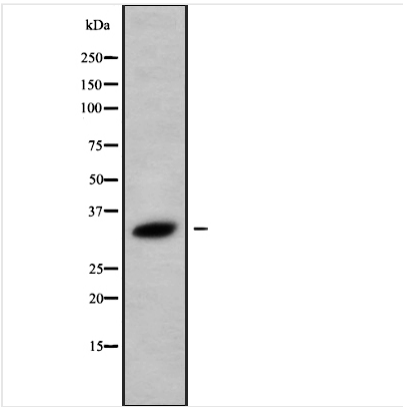
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CA7 antibody detects endogenous levels of total CA7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	208
Applicable Applications for anti-CA7 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human CA7
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (90%), Horse (100%), Sheep (90%), Rabbit (90%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using CA7 Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of CA7 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CA7 antibody	Function: Reversible hydration of carbon dioxide. Similarity: Belongs to the alpha-carbonic anhydrase family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	62240989
NCBI GeneID	766
NCBI Accession #	NP_001014435.1
NCBI GenBank Nucleotide #	NM_001014435.2
UniProt Accession #	P43166; Q541F0; Q86YU0
Molecular Weight	Observed: 30 kDa Predicted: 30 kDa
NCBI Official Full Name	carbonic anhydrase 7 isoform 2
NCBI Official Synonym Full Names	carbonic anhydrase 7
NCBI Official Symbol	CA7
NCBI Official Synonym Symbols	CAVII; CA-VII
NCBI Protein Information	carbonic anhydrase 7
UniProt Protein Name	Carbonic anhydrase 7
UniProt Gene Name	CA7
UniProt Synonym Gene Names	CA-VII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.