Rabbit Carbonic Anhydrase IV (CA4) Polyclonal Antibody | anti-CA4 antibody

Polyclonal Antibody to Carbonic Anhydrase IV (CA4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149682	**Rabbit**	**Rat, Human, Mouse, Pig**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

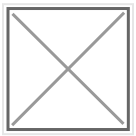
PRODUCT SYNONYMS

Carbonic Anhydrase IV (CA4); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase IV (CA4); CA-IV; CAIV; Car4; RP17; Retinitis Pigmentosa 17(Autosomal Dominant); Carbonate dehydratase IV; anti-CA4 antibody

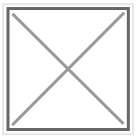
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA4. It has been selected for its ability to recognize CA4 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-CA4 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Rat
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)
Western Blot; Sample: Rat Lung lysate; Primary Ab: 2ug/ml Rabbit Anti-Rat CA4 AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot

ADDITIONAL INFORMATION

Product Categories/Family for anti-CA4 antibody	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	409726
NCBI GeneID	762
NCBI Official Full Name	carbonic anhydrase IV
NCBI Official Synonym Full Names	carbonic anhydrase 4
NCBI Official Symbol	CA4
NCBI Official Synonym Symbols	CAIV; Car4; RP17
NCBI Protein Information	carbonic anhydrase 4

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.

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