

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

Polyclonal Antibody to Carbonic Anhydrase IV (CA4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132457	Rabbit	Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

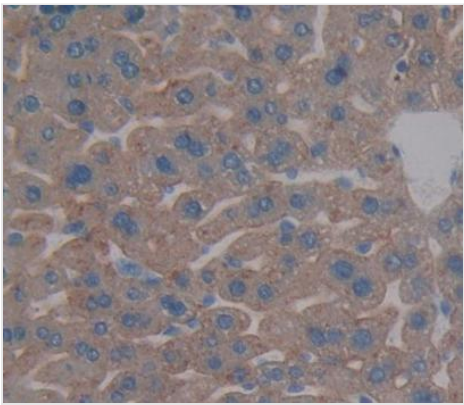
PRODUCT SYNONYMS

Carbonic Anhydrase IV (CA4); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase IV (CA4); anti-CA4 antibody

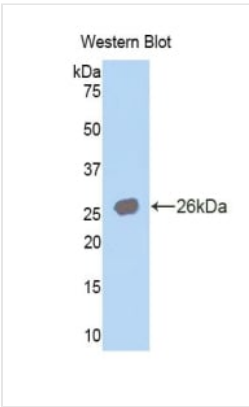
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
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	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-GWCYEIQT KDPRSSCLGP EKWPGACKEN QQSPINIVTA RTKVNPR LTP FILVGYDQKQ QWPIKNNQHT VEMTLGGGAC IIGGDL PARY EAVQLHLHWS NGNDNGSEHS IDGRHFAMEM HIVHKKLTSS KEDSKDKFAV LAFMIEVGDK VNKG FQPLVE ALPSISKPHS TSTVRESSLQ DMLPPSTKMY TYFRYNGS
Sequence Length	222
Applicable Applications for anti-CA4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CA4 (Gly21~Ser216) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

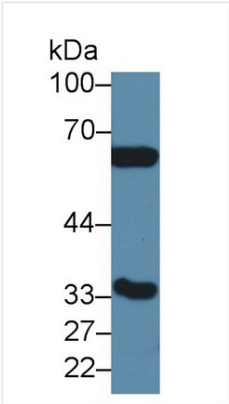
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse CA4
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671678
NCBI GeneID	12351
NCBI Accession #	NP_031633.1
NCBI GenBank Nucleotide #	NM_007607.2
UniProt Accession #	Q64444
Molecular Weight	34,351 Da
NCBI Official Full Name	carbonic anhydrase 4
NCBI Official Synonym Full Names	carbonic anhydrase 4
NCBI Official Symbol	Car4
NCBI Official Synonym Symbols	Ca4; AW456718
NCBI Protein Information	carbonic anhydrase 4
UniProt Protein Name	Carbonic anhydrase 4
UniProt Gene Name	Ca4
UniProt Synonym Gene Names	Car4; CA-IV

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/carbonic-anhydrase-iv-ca4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132457>