

Anti-CA1 antibody (1-261) (STJ22854)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

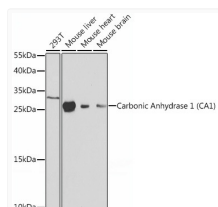
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 29kDa Observed Mw: 30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	759
Gene Symbol	CA1
UniProt ID	CAH1_HUMAN
Immunogen Region	1-261
Immunogen Sequence	MASPDWGYDDKNGPEQWSKL YPIANGNNQSPVDIKTSETK HDTSLKPISVSYNPATAKEI INVGHSHFVNFEEDNDNRSLV KGGPFSDSYRLFQHFHWGS TNEHGSEHTVDGVKYSALH VAHWNSAKYSSLAEAASKAD GLAVIGVLMKVGEANPKLQK VLDALQAIKTKGRAPFTNF DPSTLLPSSLDFTWTPGSLT HPPLYESVTWICKESISVS SEQLAQFRSLLSNVEGDNA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human Carbonic Anhydrase 1 (Carbonic Anhydrase 1 (CA1)) (NP_001122303.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of extracts of various cell lines, using Carbonic Anhydrase 1 (Carbonic Anhydrase 1 (CA1)) antibody (STJ22854) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ200856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.