

Anti-CA2 antibody (1-250) (STJ11100007)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

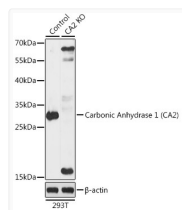
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 29kDa Observed Mw: 28kDa
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	760
Gene Symbol	CA2
UniProt ID	CAH2_HUMAN
Immunogen Region	1-250
Immunogen Sequence	MSHHWGYGKHNQPEHWHKDF PIAKGERQSPVDIDHTAKY DPSLKPLSVSYDQATSLRIL NNGHAFNVEFDDSDQKAVLK GGPLDGTyrLIQFHFHWGSL DGQGEHTVDKKYAAELHL VHWNTKYGDFGKAVQPDGL AVLGIFLKVGSAPGLQKV V DVLDSIKTKGKSADFTNFDP RGLLPESLDYWTYPGSLTTP PLLECVTWIVLKEPISVSSE QVLKFRKLNFNNGEGEPEEL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human Carbonic Anhydrase 2 (CA2) (NP_000058.1).

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 lysates from wild type (WT) and Carbonic Anhydrase 2 (CA2) knockout (KO) 293T cells, using [KO Validated] Carbonic Anhydrase 2 (CA2) Rabbit polyclonal antibody (STJ11100007) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.