

Anti-CA1 antibody (160-261) [S2MR] (STJ11102072)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

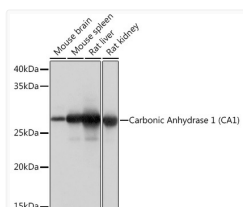
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 29kDa Observed Mw: 29kDa
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	160-261
Immunogen Sequence	KVLDALQAIKTKGKRAPFTN FDPSTLLPSSLDFTYPGSL THPPLYESVTWICKESISV SSEQLAQFRSLLSNVEGDNA VPMQHNNRPTQPLKGRTVRA SF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 160-261 of human Carbonic Anhydrase 1 (CA1) (NP_001729.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using Carbonic Anhydrase 1 (CA1) (CA1) Rabbit monoclonal antibody (STJ11102072) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) 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: 1s.