

Anti-CA3 antibody (1-260) (STJ115434)
STJ115434

GENERAL INFORMATION

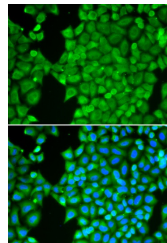
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

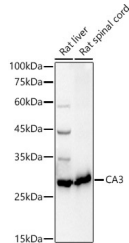
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB: 1:500-1:1000
Range	IF/CC: 1:50-1:200
	ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

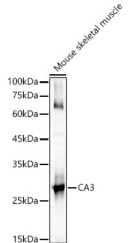
Gene ID	761
Gene Symbol	CA3
Uniprot ID	CAH3_HUMAN
Immunogen	
Immunogen Region	1-260
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CA3 (NP_005172.1).
Immunogen Sequence	MAKEWGYASHNGPDHWHLEF PNAKGENQSPVELHTKDIRH DPSLQPWSVSYDGGSAKIL NNGKTCRVVFDITYDRMLR GGPLPGPYRLRQFHLHWGSS DDHGEHTVDGVKYAELHL VHWNPKYNTFKEALKQRDGI AVIGIFLKIGHENGEGQIFL DALDKIKTKGKEAPFTKDFP SCLFPACRDYWTYQGSFTTP PCEECIVLLLLKEPMTVSSD QMAKLRLSSAENEPPVP



Immunofluorescence analysis of HeLa cells using CA3 antibody (STJ115434). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CA3 antibody (STJ115434) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of Mouse skeletal muscle, using CA3 antibody (STJ115434) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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