

## Anti-CA9 antibody (52-151) (STJ115637)

STJ115637

### GENERAL INFORMATION

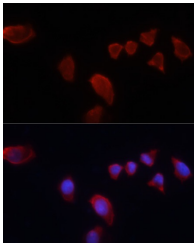
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

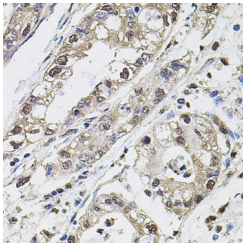
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

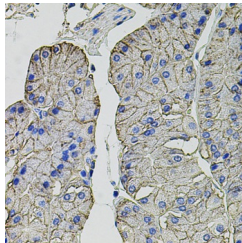
<b>Gene ID</b>	768
<b>Gene Symbol</b>	CA9
<b>Uniprot ID</b>	CAH9_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	52-151
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 52-151 of human Carbonic Anhydrase 9 (CA9/G250) (NP_001207.2).
<b>Immunogen Sequence</b>	GSSGEDDPLGEEDLPSEEDS PREEDPPGEEDLPGEEDLPG EEDLPEVKPKSEEGLKLE DLPTVEAPGDPQEPQNNNAHR DKEGDDQSHWRYGGDPPWPR



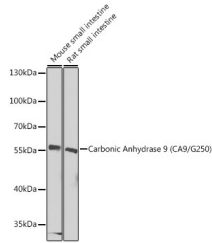
Immunofluorescence analysis of HeLa cells using Carbonic Anhydrase 9 (CA9/G250) antibody (STJ115637) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human gastric cancer using Carbonic Anhydrase 9 (CA9/G250) antibody (STJ115637) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using Carbonic Anhydrase 9 (CA9/G250) antibody (STJ115637) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using Carbonic Anhydrase 9 (CA9/G250) Antibody (STJ115637) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

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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