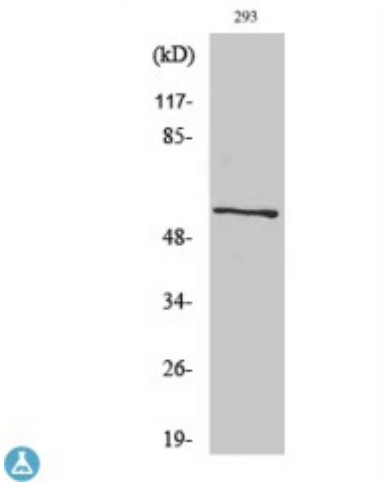
Anti-CA IX antibody



Description	Rabbit polyclonal to CA IX.

Model	STJ91940
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CA IX.
Immunogen Region	Internal
Gene ID	768
Gene Symbol	CA9
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	CA IX Polyclonal Antibody detects endogenous levels of CA IX protein.
Tissue Specificity	Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Carbonic anhydrase 9 Carbonate dehydratase IX Carbonic anhydrase IX CA-IX CAIX Membrane antigen MN P54/58N Renal cell carcinoma-associated antigen G250 RCC-associated antigen G250 pMW1

Molecular Weight	58 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1383OMIM:603179
Alternative Names	Carbonic anhydrase 9 Carbonate dehydratase IX Carbonic anhydrase IX CA-IX CAIX Membrane antigen MN P54/58N Renal cell carcinoma-associated antigen G250 RCC-associated antigen G250 pMW1
Function	Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.
Cellular Localization	Nucleus Nucleus, nucleolus Cell membrane Cell projection, microvillus membrane. Found on the surface microvilli and in the nucleus, particularly in nucleolus.
Post-translational Modifications	Asn-346 bears high-mannose type glycan structures.