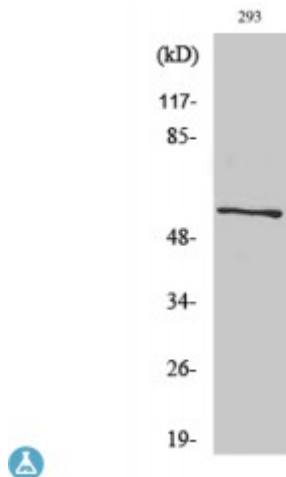


Anti-CA IX antibody



| | |
|---------------------------|--|
| 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. |

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com