

CA9 Antibody

Catalog No: #35663

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

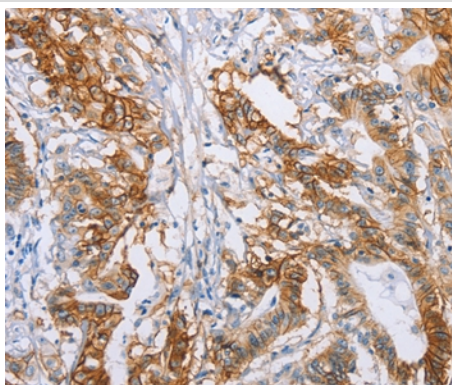
Description

Product Name	CA9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CA9 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human carbonic anhydrase IX
Target Name	CA9
Other Names	MN; CAIX
Accession No.	Swiss-Prot#: Q16790NCBI Gene ID: 768Gene Accssion: BC014950
Uniprot	Q16790
GeneID	768;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

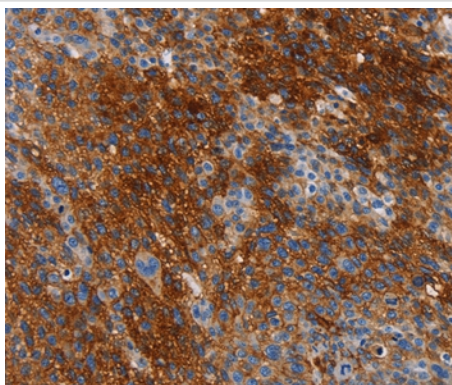
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #35663 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #35663 at dilution 1/50.

Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA IX is a transmembrane protein and the only tumor-associated carbonic anhydrase isoenzyme known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation.

Note: This product is for in vitro research use only