10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CA12 / Carbonic Andhydrase XII Antibody (aa25-301)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18518

Product Information

Application	WB, IHC-P, E
Primary Accession	O43570
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39451
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	771
Alias Symbol	CA12
Other Names	CA12, CA-XII, Carbonic anhydrase 12, Carbonic dehydratase, CAXII, HsT18816, Tumor antigen HOM-RCC-3.1.3, Carbonate dehydratase XII, Carbonic anhydrase XII
Target/Specificity	Human CA12 / Carbonic Andhydrase XII
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-CA12 / Carbonic Andhydrase XII Antibody (aa25-301) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CA12 (HGNC:1371)
Function	Reversible hydration of carbon dioxide.
Cellular Location	Membrane; Single- pass type I membrane protein. Cell membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in colon, kidney, prostate, intestine and activated lymphocytes. Expressed at much higher levels in the renal cell cancers than in surrounding normal kidney tissue Moderately expressed in pancreas, ovary and testis. Expressed in sweat glands and bronchiolar epithelium (PubMed:26911677)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.