

**Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18518**

**Specification**

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**Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O43570</a>
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39451
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

**Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) - 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 Anhydrase XII

**Reconstitution & Storage**

Caprylic acid and ammonium sulfate precipitation

**Precautions**

Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) - Protein Information**

**Name** CA12 ([HGNC:1371](#))

**Function**

Reversible hydration of carbon dioxide.

**Cellular Location**

Membrane; Single-pass type I membrane protein. Cell membrane

**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)

### **Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-CA12 / Carbonic Anhydrase XII Antibody (aa25-301) - Images**