

CA XII Polyclonal Antibody
Catalog # AP68763**Specification**

CA XII Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O43570
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

CA XII Polyclonal Antibody - Additional Information**Gene ID** 771**Other Names**

CA12; Carbonic anhydrase 12; Carbonate dehydratase XII; Carbonic anhydrase XII; CA-XII; Tumor antigen HOM-RCC-3.1.3

Dilution

WB~~IHC-p: 100-300.Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CA XII Polyclonal Antibody - 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

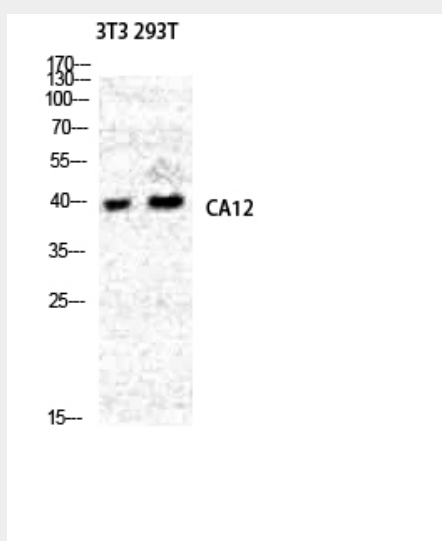
Highly expressed in colon, kidney, prostate, intestine and activated lymphocytes. Expressed at much higher levels in the renal cell cancers than in surrounding normal kidney tissue Moderately expressed in pancreas, ovary and testis. Expressed in sweat glands and bronchiolar epithelium (PubMed:26911677)

CA XII Polyclonal Antibody - Protocols

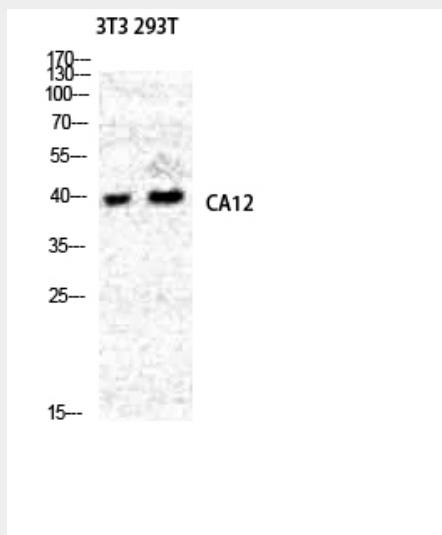
Provided below are standard protocols that you may find useful for product applications.

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

CA XII Polyclonal Antibody - Images



Western Blot analysis of NIH-3T3 293T cells using CA XII Polyclonal Antibody diluted at 1:2000



Western Blot analysis of NIH-3T3 293T cells using CA XII Polyclonal Antibody diluted at 1:2000

CA XII Polyclonal Antibody - Background

Reversible hydration of carbon dioxide.