

DNAxPAb

Hard-to-Find  
Antibody

# CA12 DNAxPab

Catalog # H00000771-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CA12 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MPRRSLHAAVLLLVLKEQPSSPAPVNGSKWTYFGPDGENSWSKKYPSCGGLLQSPIDLHSDIL QYDASLTPLFQGYNLSANKQFLLTNNGHSVKNLPSDMHIQGLQSRYSATQLHLHWGNPNDPH GSEHTVSGQHFAAELHIVHYNSDLYPDASTASNKSEGLAVLAVLIEMGSFNPSYDKIFSHLQHVKY KGQEA FVPGFNIEELLPERTAEYRYRGSLTTPPCNPTVLWTVFRNPVQISQEQLLALETALYCTH MDDPSPREMINNFRQVQKFDERLVYTSFSQVQVCTAAGLSLGIILSLALAGILGICMVVVSIVLFRFRR KSIKKGDNKGVYKPKATKMETEAHA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — CA12

Entrez GeneID [771](#)

GeneBank Accession# [NM\\_001218.3](#)

Protein Accession# [NP\\_001209.1](#)

Gene Name CA12

Gene Alias CAXII, FLJ20151, HsT18816

Gene Description carbonic anhydrase XII

Omim ID [603263](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. This gene product is a type I membrane protein that is highly expressed in normal tissues, such as kidney, colon and pancreas, and has been found to be overexpressed in 10% of clear cell renal carcinomas. Two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations** carbonic dehydratase

## Pathway

- [Nitrogen metabolism](#)