

DNAxPAb

Hard-to-Find  
Antibody

# CA11 DNAxPab

Catalog # H00000770-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CA11 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MGAAARLSAPRALVLWAALGAAAHIGPAPDPEDWWSYKDNLQGNFVPGPPFWGLVNAAWSLC AVGKRQSPVDVELKRVLYDPFLPPLRLSTGGEKLRGTLYNTGRHVSFLPAPRPVVNVSGGPLLYS HRLSELRLFLGARDGAGSEHQINHQGFSAEVQLIHFNQELYGNFSAASRGPNGLAILSLFVNVAST SNPFLSRLLNRDTITRISYKNDAYFLQDLSLELLFPESFGFITYQGSLSPPCSETVTWILDRALNITS LQMHSRLRLLSQNPPSQIFQSLSGNSRPLQPLAHRALRGNRDPRHPERRCRGPNYRLHVDGVPHG R
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 — CA11

Entrez GeneID	<a href="#">770</a>
GeneBank Accession#	<a href="#">NM_001217.3</a>
Protein Accession#	<a href="#">NP_001208.2</a>
Gene Name	CA11
Gene Alias	CARP2, CARPX1
Gene Description	carbonic anhydrase XI
Omim ID	<a href="#">604644</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 XI is likely a secreted protein, however, radical changes at active site residues completely conserved in CA isozymes with catalytic activity, make it unlikely that it has carbonic anhydrase activity. It shares properties in common with two other acatalytic CA isoforms, CA VIII and CA X. CA XI is most abundantly expressed in brain, and may play a general role in the central nervous system. [provided by RefSeq]</p>
Other Designations	carbonic anhydrase-related protein 2 carbonic anhydrase-related protein XI