

DNAXPAb

Hard-to-Find
Antibody

CA3 DNAXPab

Catalog # H00000761-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CA3 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAKEWGYASHNGPDHWHELFPNAKGENQSPVELHTKDIRHDPSLQPWSVSYDGGS AKTILNNG KTCRVVFD DTYDRSMLRGGPLPGPYRLRQFHLHWGSSDDHGSEHTVDGVKYAAELHLVHWNPK YNTFKEALKQRDGI AVIGIFLKIGHENG EFQIFLDALDKIKTKGKEAPFTKFDPSCLFPACRDYWTYQ GSFTTPPCEEICWLLLLKEPMTVSSDQMAKLRSLLSSAENEPPVPLVSNWRPPQPINNRVVRAS FK
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 — CA3

Entrez GeneID [761](#)

GeneBank Accession# [NM_005181.2](#)

Protein Accession# [NP_005172.1](#)

Gene Name CA3

Gene Alias CAIII, Car3

Gene Description carbonic anhydrase III, muscle specific

Omim ID [114750](#)

Gene Ontology [Hyperlink](#)

Gene Summary Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide and are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle. A proportion of carriers of Duchenne muscle dystrophy have a higher CA3 level than normal. The gene spans 10.3 kb and contains seven exons and six introns. [provided by RefSeq]

Other Designations carbonic anhydrase III

Pathway

- [Nitrogen metabolism](#)