

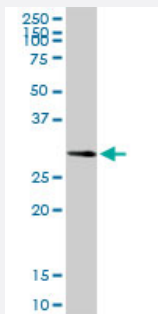
MaxPab®

CA3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000761-D01P

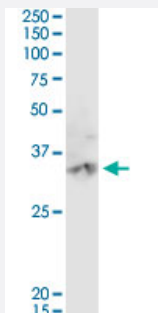
Size 100 ug

Applications



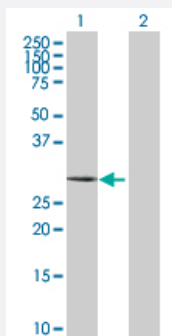
Western Blot (Tissue lysate)

CA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of CA3 expression in human liver.



Western Blot (Tissue lysate)

CA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of CA3 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of CA3 expression in transfected 293T cell line ([H00000761-T02](#)) by CA3 MaxPab polyclonal antibody.

Lane 1: CA3 transfected lysate(29.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CA3 protein.

Immunogen	CA3 (NP_005172.1, 1 a.a. ~ 260 a.a) full-length human protein.
Sequence	MAKEWGYASHNGPDHWHELFPNAKGENQSPVELHTKDIRHDPQLPWSVSYDGGS AKTILNNG KTCRVVFDDTYDRSMLRGGPLPGPYRLRQFHLHWGSSDDHGSEHTVDGVKYAAELHLVHWNP K YNTFKEALKQRDGIAGVIGIFLKIGHENGFEQIFLDALDKIKTKGKEAPFTKFDPSCLFPACRDYWTYQ GSFTTPPCEECMWLLLKEPMTVSSDQMAKLRSLLSSAENEPPVPLVSNWRPPQPINNRVVRAS FK
Host	Rabbit
Reactivity	Human, Mouse
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 (Tissue lysate)

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[Protocol Download](#)

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Gene Info — CA3

Entrez GeneID	761
GeneBank Accession#	NM_005181
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	<p>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]</p>
Other Designations	carbonic anhydrase III

Pathway

- [Nitrogen metabolism](#)