

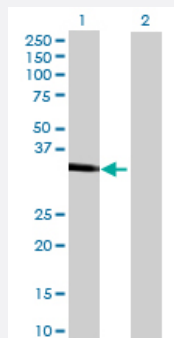
MaxPab®

CA10 MaxPab mouse polyclonal antibody (B01)

Catalog # H00056934-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CA10 expression in transfected 293T cell line ([H00056934-T01](#)) by CA10 MaxPab polyclonal antibody.

Lane 1: CA10 transfected lysate (36.08 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CA10 protein.
Immunogen	CA10 (NP_064563.1, 1 a.a. ~ 328 a.a) full-length human protein.
Sequence	MEIVWEVLFLQANFIVCISAQQNSPKIHEGWWAYKEVVQGSFVPVPSFWGLVNSAWNLC SVGK RQSPVNIETSHMIFDPFLTPLRINTGGRKVS GMTMYNTGRHVSRLDKEHLVNISGGPMTYSHRLEEI RLHFGSEDSQGSEHLLNGQAFSGEVQLIHYNHELYTNVTEAAKSPNGLVVVSIFIKVSDSSNPFLN RMLNRDTITRITYKNDAYLLQGLNIEELYPETSSFITYDGSMTIPPCYETASWIIMNKPVYTTRMQMHSL RLLSQNPQSQIFLSMSDNFRPVQPLNNRCIRTNINFSLQGKDCPNNRAQKLQYRVNEWLLK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CA10 expression in transfected 293T cell line ([H00056934-T01](#)) by CA10 MaxPab polyclonal antibody.

Lane 1: CA10 transfected lysate(36.08 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CA10

Entrez GeneID [56934](#)

GeneBank Accession# [NM_020178.3](#)

Protein Accession# [NP_064563.1](#)

Gene Name CA10

Gene Alias CA-RPX, CARPX, HUCEP-15

Gene Description carbonic anhydrase X

Omim ID [604642](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations carbonic anhydrase-related protein 10|carbonic anhydrase-related protein X|cerebral protein-15

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)