Product Name: CA VI Rabbit Polyclonal Antibody
Catalog #: APRab07772

Summary

Production Name	CA VI Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CA6
Alternative Names	CA6; Carbonic anhydrase 6; Carbonate dehydratase VI; Carbonic anhydrase VI; CA-VI; Salivary carbonic anhydrase; Secreted carbonic anhydrase
Gene ID	765.0
SwissProt ID	P23280.The antiserum was produced against synthesized peptide derived from human CA6. AA range:231-280

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	35kD

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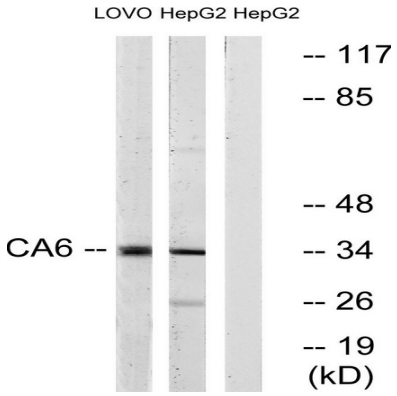
Background

The protein encoded by this gene is one of several isozymes of carbonic anhydrase. This protein is found only in salivary glands and saliva and protein may play a role in the reversible hydratation of carbon dioxide though its function in saliva is unknown. [provided by RefSeq, Jul 2008],catalytic activity:H(2)CO(3) = CO(2) + H(2)O.,cofactor:Zinc.,function:Reversible hydration of carbon dioxide. Its role in saliva is unknown.,similarity:Belongs to the alpha-carbonic anhydrase family.,tissue specificity:Major constituent of saliva.,

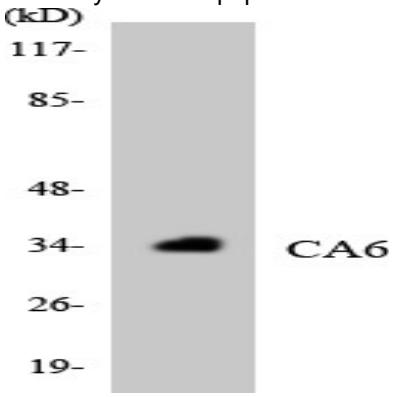
Research Area

Nitrogen metabolism;

Image Data



Western blot analysis of lysates from HepG2, and LOVO cells, using CA6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using CA6 antibody.

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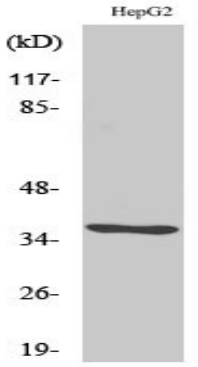

Western Blot analysis of various cells using CA VI Polyclonal Antibody

Note

For research use only.