Best Tools for immunology Research

CA VI Polyclonal Antibody

Catalog No :	YT0578
Reactivity :	Human
Applications :	WB;ELISA
Target :	CA VI
Fields :	>>Nitrogen metabolism;>>Metabolic pathways
Gene Name :	CA6
Protein Name :	Carbonic anhydrase 6
Human Gene Id :	765
Human Swiss Prot No :	P23280
Mouse Swiss Prot No :	P18761
Immunogen :	The antiserum was produced against synthesized peptide derived from human CA6. AA range:231-280
Specificity :	CA VI Polyclonal Antibody detects endogenous levels of CA VI protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 35kD

Cell Pathway : Nitrogen metabolism;

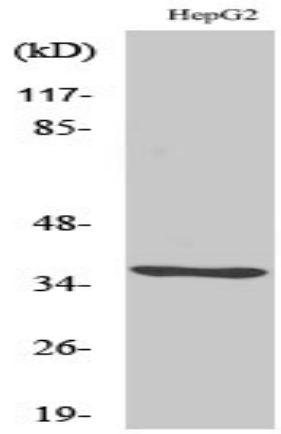
Background : The protein encoded by this gene is one of several isozymes of carbonic anhydrase. This protein is found only in salivary glands and saliva and protein may play a role in the reversible hydratation of carbon dioxide though its function in saliva is unknown. [provided by RefSeq, Jul 2008],

Function : 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.,

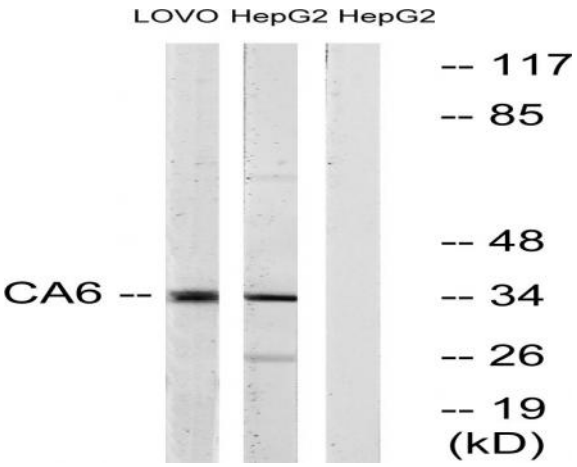
Subcellular Location : Secreted.

Expression : Major constituent of saliva.

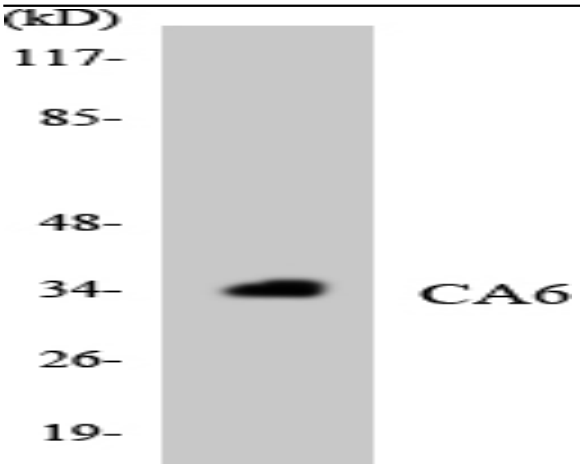
Products Images



Western Blot analysis of various cells using CA VI Polyclonal Antibody



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.