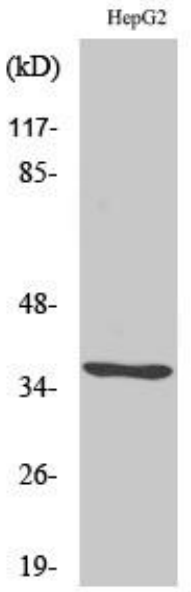
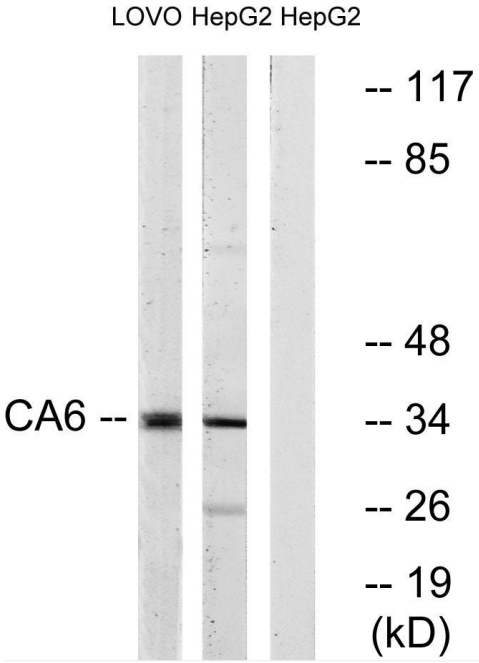
CA VI Polyclonal Antibody

Catalog No	YP-Ab-02515
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	CA6
Protein Name	Carbonic anhydrase 6
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CA6; Carbonic anhydrase 6; Carbonate dehydratase VI; Carbonic anhydrase VI; CA-VI; Salivary carbonic anhydrase; Secreted carbonic anhydrase
Observed Band	35kD
Cell Pathway	Secreted.
Tissue Specificity	Major constituent of saliva.
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

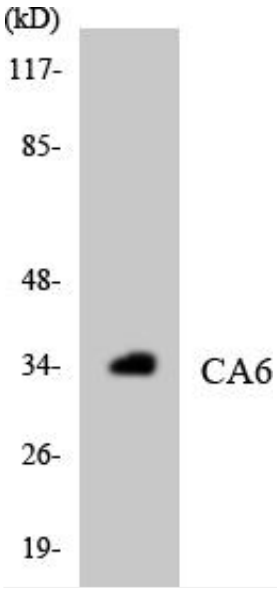
Products Images



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.