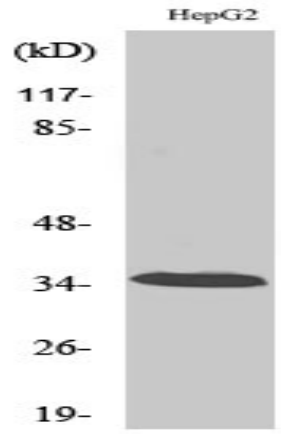
Immunoway
Best Tools for immunology Research

CA XIII Polyclonal Antibody

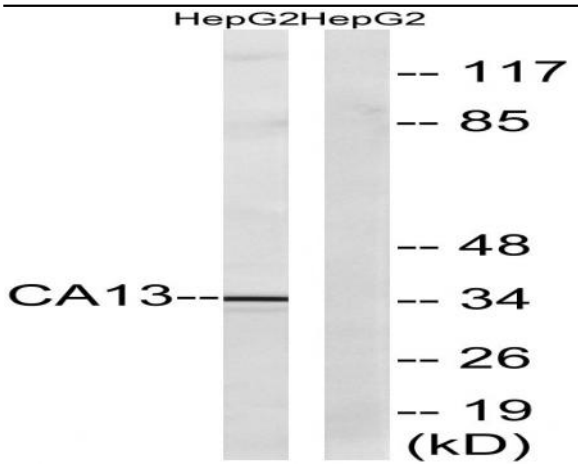
Catalog No :	YT0581
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	CA XIII
Fields :	>>Nitrogen metabolism;>>Metabolic pathways
Gene Name :	CA13
Protein Name :	Carbonic anhydrase 13
Human Gene Id :	377677
Human Swiss Prot No :	Q8N1Q1
Mouse Gene Id :	71934
Mouse Swiss Prot No :	Q9D6N1
Immunogen :	The antiserum was produced against synthesized peptide derived from human CA13. AA range:141-190
Specificity :	CA XIII Polyclonal Antibody detects endogenous levels of CA XIII 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: 1:10000. 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 :	Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family, see MIM 114800.[supplied by OMIM, Mar 2008],
Function :	catalytic activity:H(2)CO(3) = CO(2) + H(2)O.,cofactor:Zinc.,function:Reversible hydration of carbon dioxide.,similarity:Belongs to the alpha-carbonic anhydrase family.,tissue specificity:Expressed in thymus, small intestine, spleen, prostate, ovary, colon and testis.,
Subcellular Location :	cytosol,myelin sheath,intracellular membrane-bounded organelle,
Expression :	Expressed in thymus, small intestine, spleen, prostate, ovary, colon and testis.
Sort :	2970
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

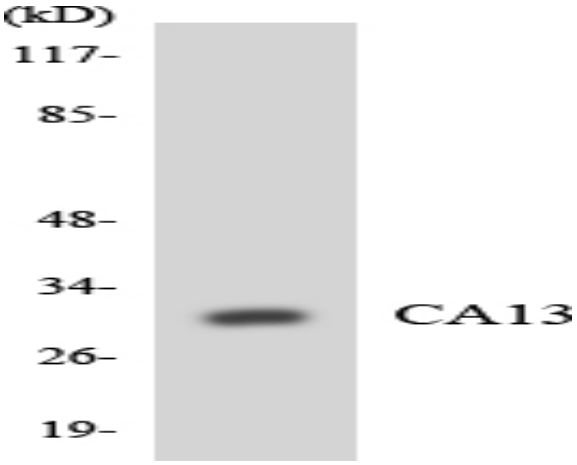
Products Images



Western Blot analysis of various cells using CA XIII Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using CA13 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using CA13 antibody.