

## CA XIII Polyclonal Antibody

<b>Catalog No :</b>	YT0581
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CA XIII
<b>Fields :</b>	>>Nitrogen metabolism;>>Metabolic pathways
<b>Gene Name :</b>	CA13
<b>Protein Name :</b>	Carbonic anhydrase 13
<b>Human Gene Id :</b>	377677
<b>Human Swiss Prot No :</b>	Q8N1Q1
<b>Mouse Gene Id :</b>	71934
<b>Mouse Swiss Prot No :</b>	Q9D6N1
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CA13. AA range:141-190
<b>Specificity :</b>	CA XIII Polyclonal Antibody detects endogenous levels of CA XIII protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	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.

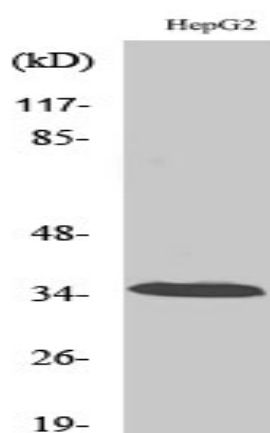
**Sort :** 2970

**No4 :** 1

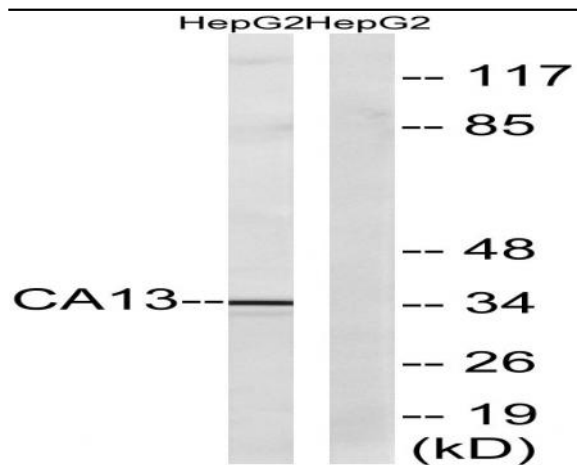
**Host :** Rabbit

**Modifications :** Unmodified

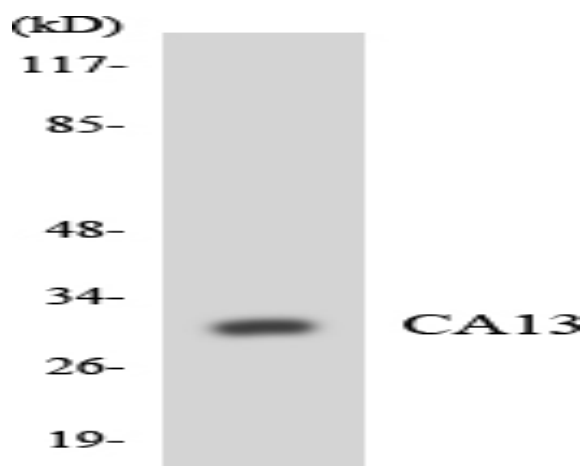
## Products Images



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.