CA XIII Rabbit pAb

CatalogNo: YT0581

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,ELISA

MW
- 35kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:10000
Not yet tested in other applications.

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

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.

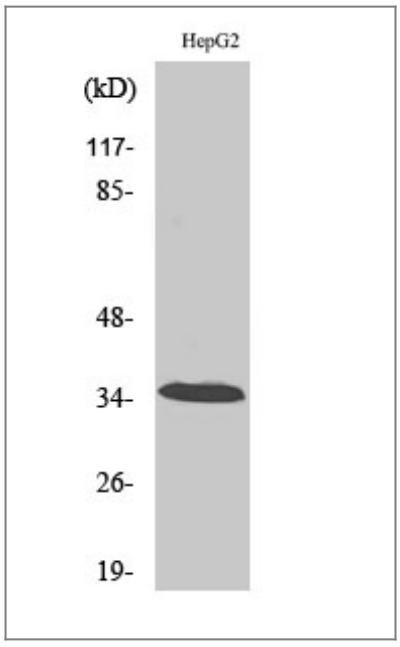
Target Information

Gene name	CA13
Protein Name	Carbonic anhydrase 13

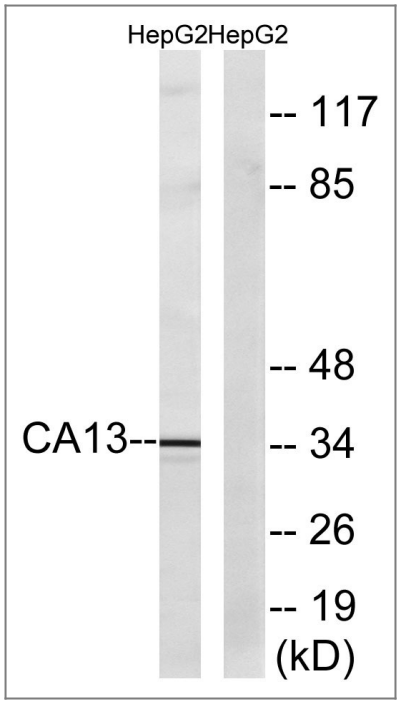
Organism	Gene ID	UniProt ID
Human	377677;	Q8N1Q1;
Mouse	71934;	Q9D6N1;

Cellular Localization	cytosol,myelin sheath,intracellular membrane-bounded organelle,
Tissue specificity	Expressed in thymus, small intestine, spleen, prostate, ovary, colon and testis.
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.,

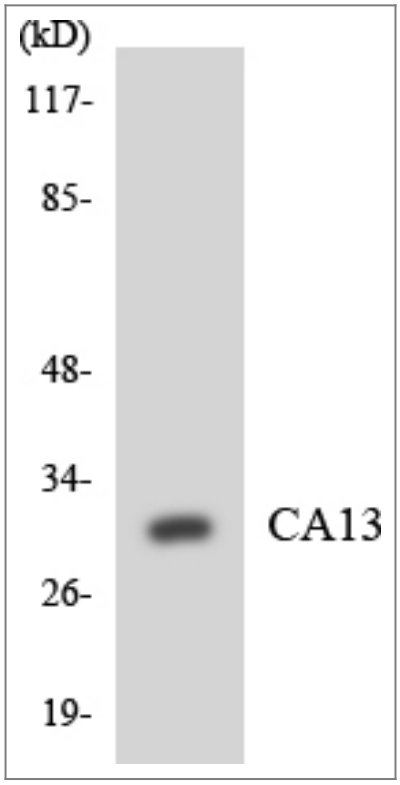
Validation Data



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.

Contact information

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Please scan the QR code to access additional product information:
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