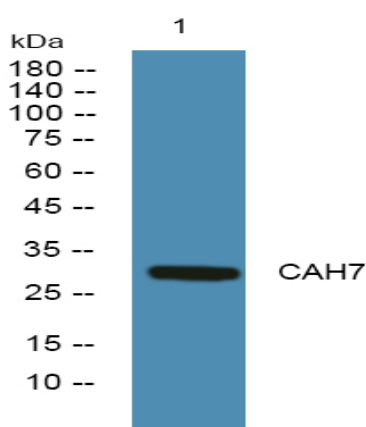


## CAH7 Polyclonal Antibody

<b>Catalog No :</b>	YN0550
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CAH7
<b>Fields :</b>	>>Nitrogen metabolism;>>Metabolic pathways
<b>Gene Name :</b>	CA7
<b>Protein Name :</b>	Carbonic anhydrase 7 (EC 4.2.1.1) (Carbonate dehydratase VII) (Carbonic anhydrase VII) (CA-VII)
<b>Human Gene Id :</b>	766
<b>Human Swiss Prot No :</b>	P43166
<b>Mouse Swiss Prot No :</b>	Q9ERQ8
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	CAH7 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Observed Band :</b>	29kD
<b>Cell Pathway :</b>	Nitrogen metabolism;
<b>Background :</b>	Carbonic anhydrases are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. The cytosolic protein encoded by this gene is predominantly expressed in the salivary glands. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Cytoplasm .
<b>Expression :</b>	Colon,Kidney,Stomach,
<b>Sort :</b>	18183
<b>No4 :</b>	1

## Products Images



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night