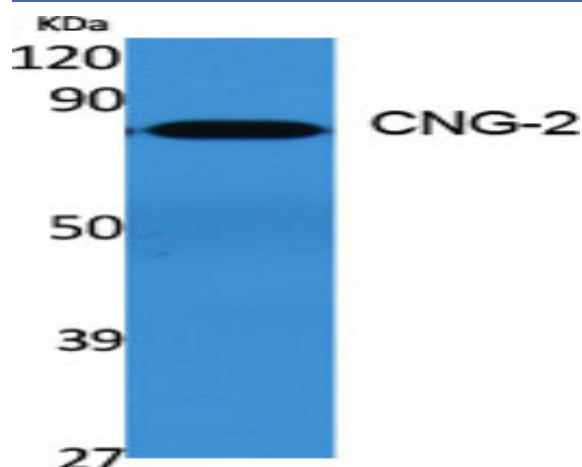


## CNG-2 Polyclonal Antibody

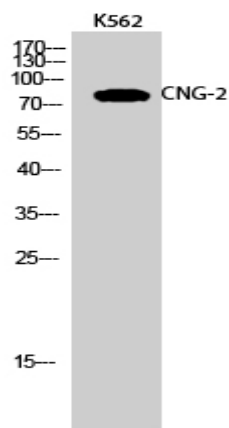
<b>Catalog No :</b>	YT0997
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	CNG-2
<b>Fields :</b>	>>cAMP signaling pathway;>>Olfactory transduction
<b>Gene Name :</b>	CNGA2
<b>Protein Name :</b>	Cyclic nucleotide-gated olfactory channel
<b>Human Gene Id :</b>	1260
<b>Human Swiss Prot No :</b>	Q16280
<b>Mouse Gene Id :</b>	12789
<b>Mouse Swiss Prot No :</b>	Q62398
<b>Rat Gene Id :</b>	25411
<b>Rat Swiss Prot No :</b>	Q00195
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CNGA2. AA range:391-440
<b>Specificity :</b>	CNG-2 Polyclonal Antibody detects endogenous levels of CNG-2 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. IF 1:200 - 1:1000. ELISA: 1:40000. 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
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	83kD
<b>Background :</b>	The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. [provided by RefSeq, Jan 2010],
<b>Function :</b>	function:Odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons.,similarity:Belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family.,similarity:Contains 1 cyclic nucleotide-binding domain.,
<b>Subcellular Location :</b>	Membrane; Multi-pass membrane protein.
<b>Expression :</b>	Testis,

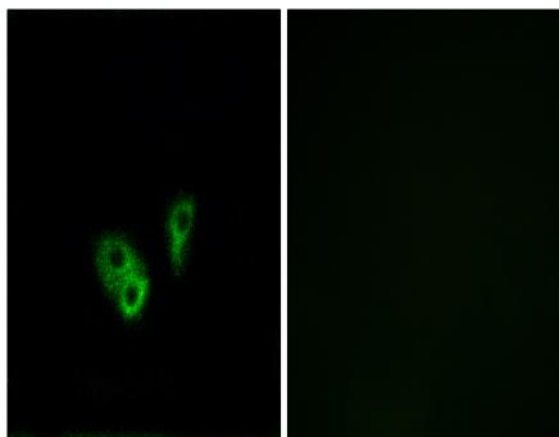
## Products Images



Western Blot analysis of various cells using CNG-2 Polyclonal Antibody



Western Blot analysis of K562 cells using CNG-2 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using CNGA2 Antibody. The picture on the right is blocked with the synthesized peptide.