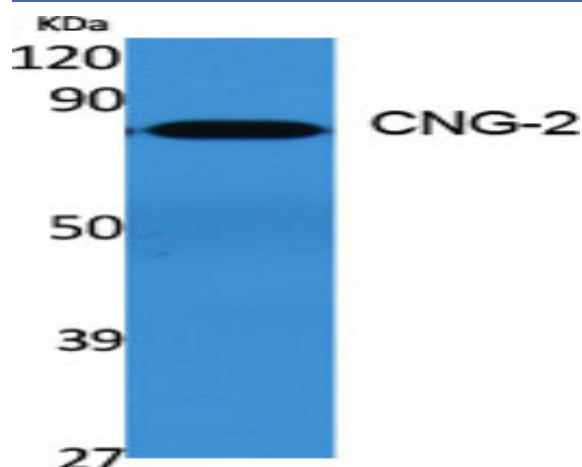


CNG-2 Polyclonal Antibody

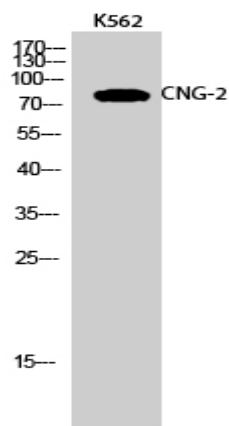
Catalog No :	YT0997
Reactivity :	Human;Mouse;Rat
Applications :	WB;IF;ELISA
Target :	CNG-2
Fields :	>>cAMP signaling pathway;>>Olfactory transduction
Gene Name :	CNGA2
Protein Name :	Cyclic nucleotide-gated olfactory channel
Human Gene Id :	1260
Human Swiss Prot No :	Q16280
Mouse Gene Id :	12789
Mouse Swiss Prot No :	Q62398
Rat Gene Id :	25411
Rat Swiss Prot No :	Q00195
Immunogen :	The antiserum was produced against synthesized peptide derived from human CNGA2. AA range:391-440
Specificity :	CNG-2 Polyclonal Antibody detects endogenous levels of CNG-2 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. IF 1:200 - 1:1000. ELISA: 1:40000. 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 :	83kD
Background :	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],
Function :	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.,
Subcellular Location :	Membrane; Multi-pass membrane protein.
Expression :	Testis,

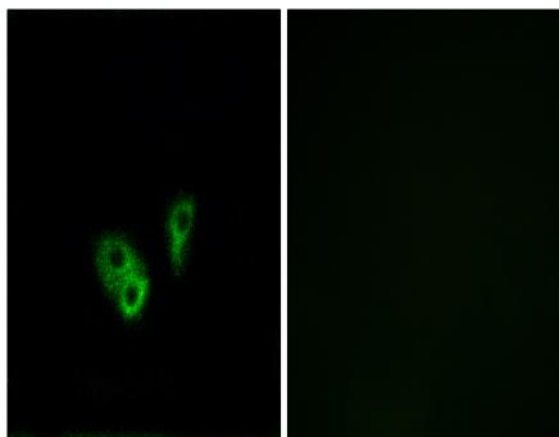
Products Images



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.