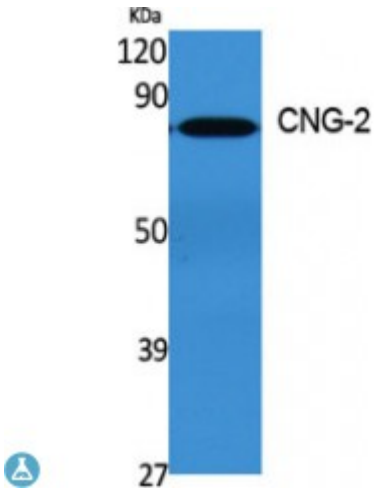
Anti-CNG-2 antibody



Description	Rabbit polyclonal to CNG-2.

Model	STJ92362
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human CNG-2
Immunogen Region	360-440 aa, Internal
Gene ID	1260
Gene Symbol	CNGA2
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:40000
Specificity	CNG-2 Polyclonal Antibody detects endogenous levels of CNG-2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cyclic nucleotide-gated olfactory channel Cyclic nucleotide-gated cation channel 2 Cyclic nucleotide-gated channel alpha-2 CNG channel alpha-2 CNG-2 CNG2
Molecular Weight	83 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2149OMIM:300338
Alternative Names	Cyclic nucleotide-gated olfactory channel Cyclic nucleotide-gated cation channel 2 Cyclic nucleotide-gated channel alpha-2 CNG channel alpha-2 CNG-2 CNG2
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.
Sequence and Domain Family	The C-terminal coiled-coil domain mediates trimerization of CNGA subunits.
Cellular Localization	Membrane. Multi-pass membrane protein.