

Product datasheet for **TA321684**

CNGA2 Rabbit Polyclonal Antibody

Product data:

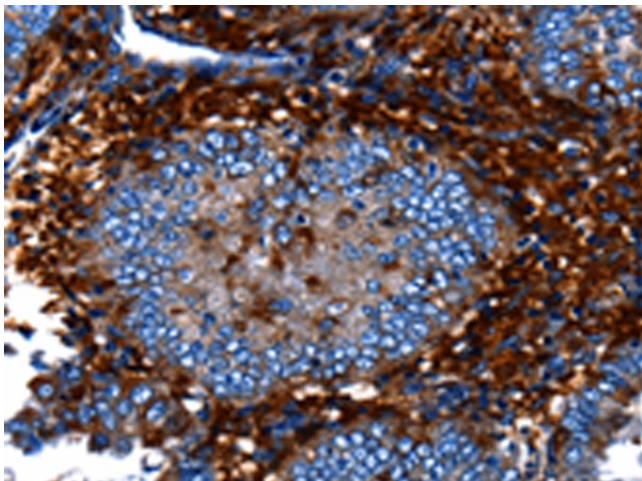
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 475-662 amino acids of human cyclic nucleotide gated channel alpha 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cyclic nucleotide gated channel alpha 2
Database Link:	NP_005131 Entrez Gene 12789 MouseEntrez Gene 25411 RatEntrez Gene 1260 Human Q16280
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. 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.
Synonyms:	CNCA; CNCA1; CNG2; OCNC1; OCNCa; OCNCALPHA



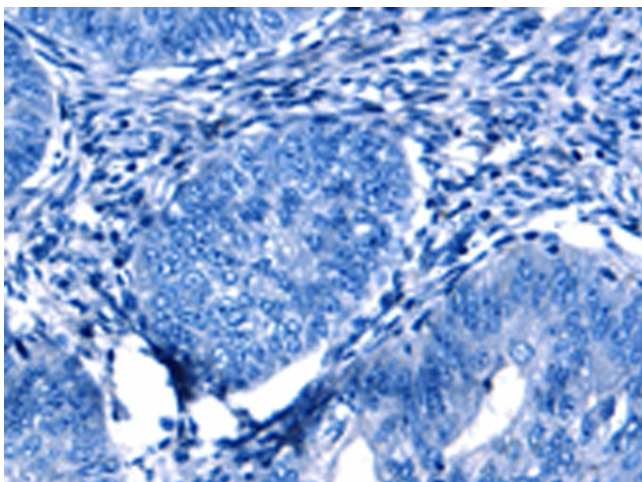
[View online »](#)

Protein Families: Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane

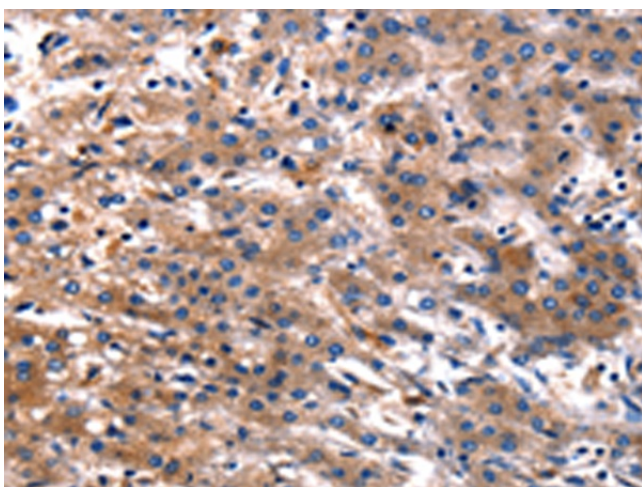
Product images:



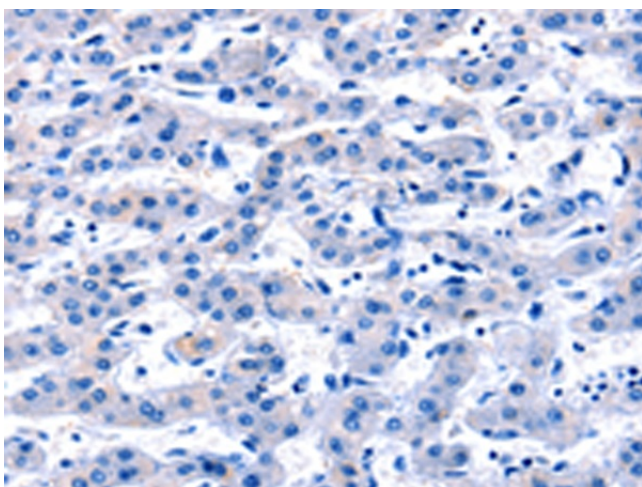
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321684 (CNGA2 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321684 (CNGA2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321684 (CNGA2 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321684 (CNGA2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)