

## Product datasheet for **TA321052**

### **CNG1 (CNGA1) Rabbit Polyclonal Antibody**

#### **Product data:**

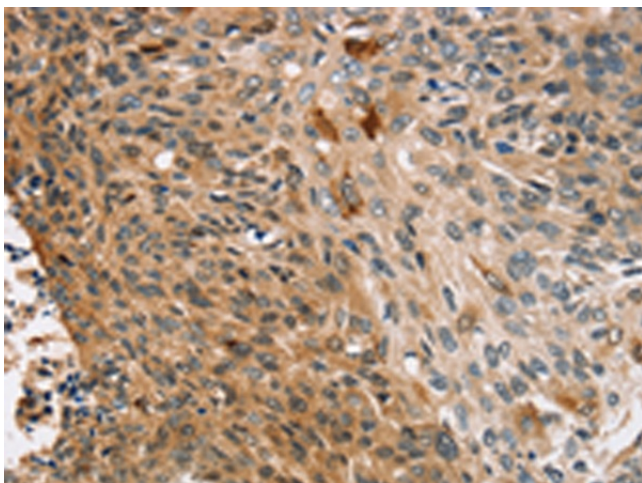
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm and Cell membrane
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide corresponding to a region derived from 45-58 amino acids of Human Cyclic nucleotide gated channel alpha 1
<b>Formulation:</b>	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	cyclic nucleotide gated channel alpha 1
<b>Database Link:</b>	<a href="#">NP_000078</a> <a href="#">Entrez Gene 1259 Human</a> <a href="#">P29973</a>
<b>Background:</b>	The protein encoded by this gene is involved in phototransduction. Along with another protein; the encoded protein forms a cGMP-gated cation channel in the plasma membrane; allowing depolarization of rod photoreceptors. This represents the last step in the phototransduction pathway. Defects in this gene are a cause of retinitis pigmentosa autosomal recessive (ARRP) disease. Two transcript variants encoding different isoforms have been found for this gene.
<b>Synonyms:</b>	CNCG; CNCG1; CNG-1; CNG1; RCNC1; RCNCa; RCNCalpha; RP49



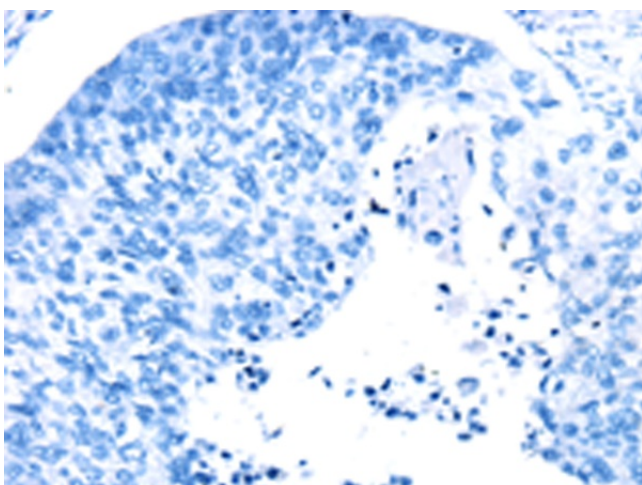
[View online »](#)

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

### Product images:



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321052 (CNGA1 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321052 (CNGA1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )