

CNGA2 Antibody

Catalog No: #31060

Package Size: #31060-1 50ul #31060-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	CNGA2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CNGA2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 475-662 amino acids of human cyclic nucleotide gated channel alpha 2
Target Name	CNGA2
Other Names	cyclic nucleotide gated channel alpha 2, CNCA, CNG2, CNCA1, OCNC1, OCNCa, OCNALPHA
Accession No.	Swiss-Prot:Q16280Gene ID:1260;
Uniprot	Q16280
GeneID	1260;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

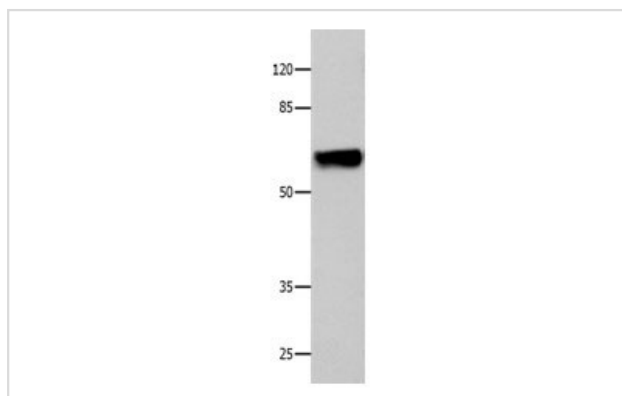
Predicted MW: 76kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:10-1:50

Images



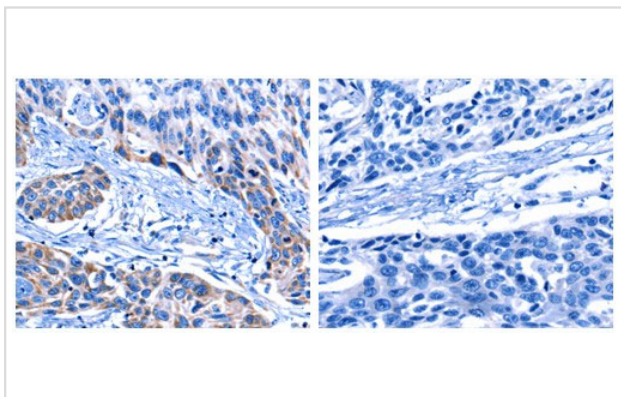
Gel: 10%SDS-PAGE

Lysate: 30 µg 293T cell lysate

Primary antibody: 1/500 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31060(CNGA2 Antibody) at dilution 1/25, on the right is treated with the fusion protein.

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.

Note: This product is for in vitro research use only