Ci EnkiLife

Summary

Production Name	GNG13 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GNG13
Alternative Names	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-13
Gene ID	51764.0
SwissProt ID	Q9P2W3.Synthesized peptide derived from human GNG13 AA range: 1-50

Application

Dilution Ratio	IHC 1:50-200 ELISA(peptide)1:5000-20000
Molecular Weight	

Background

Heterotrimeric G proteins, which consist of alpha (see MIM 139320), beta (see MIM 139380), and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is a gamma subunit that is
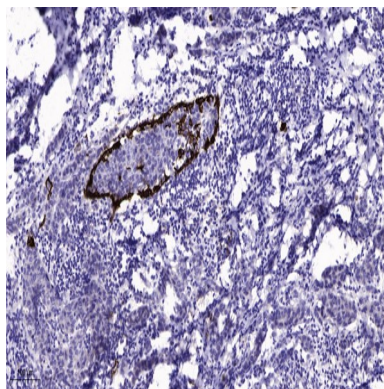
expressed in taste, retinal, and neuronal tissues and plays a key role in taste transduction (Li et al., 2006 [PubMed 16473877]).[supplied by OMIM, Oct 2009],function:Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.,similarity:Belongs to the G protein gamma family.,subunit:G proteins are composed of 3 units, alpha, beta and gamma.,

Research Area

Image Data

Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200（4°overnight）. 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 45min）.

Note
For research use only.