

G Alpha i-3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03867
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GNAI3. AA range:31-80
Mol wt	40532
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Galpha i-3 Antibody
Synonyms	GNAI3; Guanine nucleotide-binding protein G(k) subunit alpha; G(i) alpha-3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. GNAI3 encodes an alpha subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway.

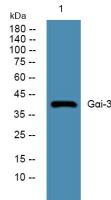
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night

Storage

-20°C for one year