

Gα i-3 Rabbit pAb

CatalogNo: YT2092

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 41kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:40000

Not yet tested in other applications.

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human GNAI3. AA range: 31-80

Specificity

Gα i-3 Polyclonal Antibody detects endogenous levels of Gα i-3 protein.

| Target Information

Gene name GNAI3

Protein Name Guanine nucleotide-binding protein G(k) subunit alpha

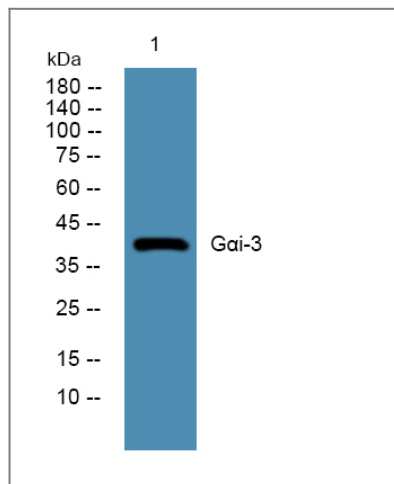
Organism	Gene ID	UniProt ID
Human	2773 ;	P08754 ;
Mouse	14679 ;	Q9DC51 ;
Rat	25643 ;	P08753 ;

Cellular Localization Cytoplasm . Cell membrane ; Lipid-anchor . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Localizes in the centrosomes of interphase and mitotic cells. Detected at the cleavage furrow and/or the midbody. .

Tissue specificity Liver,

Function Function:Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor-regulated K(+) channels.,similarity:Belongs to the G-alpha family. G(i/o/t/z) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Interacts with GPSM1.,

Validation Data



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

Contact information

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