

Product datasheet for **TA368810**

G protein alpha 13 (GNA13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse kidney tissue, human testis and brain malignant glioma tissue IHC: 25-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GNA13
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	44 kDa
Gene Name:	G protein subunit alpha 13
Database Link:	Entrez Gene 10672 Human Q14344



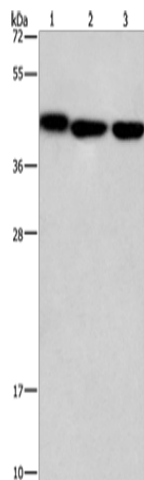
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Background:

Guanine nucleotide-binding protein subunit alpha-13 is a protein that in humans is encoded by the GNA13 gene. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Interacts with UBXD5. Interacts with HAX1. Interacts (when active) with PPP5C (via TPR repeats); activates PPP5C phosphatase activity and translocates PPP5C to the cell membrane.

Synonyms:

G13; MGC46138

Product images:

Gel: 15%SDS-PAGE

Lysate: 40 µg

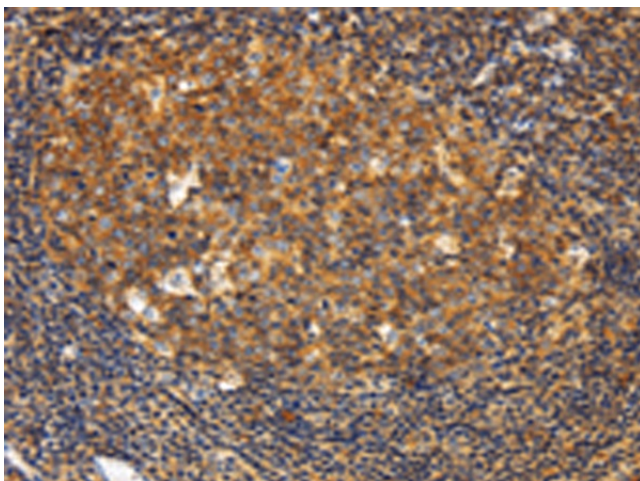
Lane 1-3: Mouse kidney tissue
human testis tissue

Human brain malignant glioma tissue

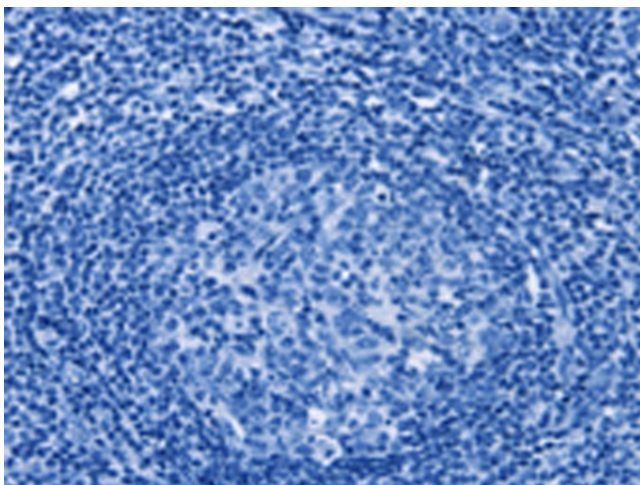
Primary antibody: TA368810 (GNA13 Antibody) at
dilution 1/450

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

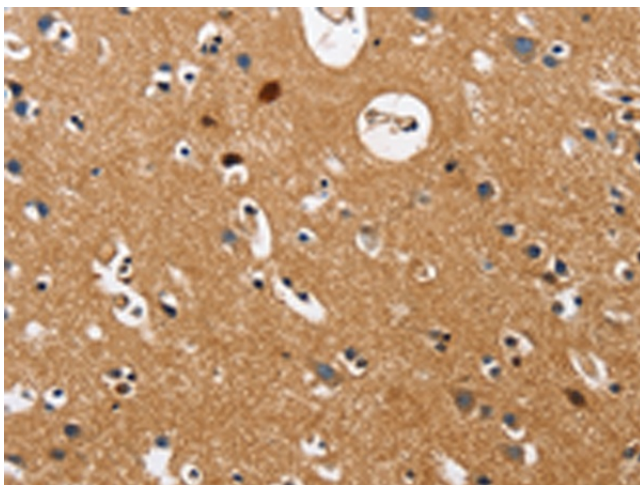
Exposure time: 1 minute



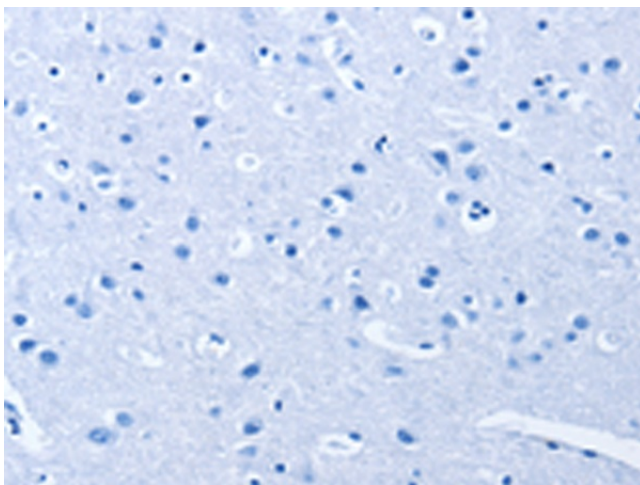
Immunohistochemistry of paraffin-embedded
Human tonsil tissue using TA368810 (GNA13
Antibody) at dilution 1/20 (Original magnification:
×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA368810 (GNA13 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA368810 (GNA13 Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA368810 (GNA13 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)