

Product datasheet for **TA323063**

GNA11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human leiomyosarcoma tissue IHC: 50-200 Positive control: Human liver cancer Predicted cell location: cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 200 amino acids of human guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	G protein subunit alpha 11
Database Link:	NP_002058 Entrez Gene 14672 Mouse Entrez Gene 81662 Rat Entrez Gene 2767 Human P29992
Background:	Guanine nucleotide-binding protein subunit alpha-11 is a protein that in humans is encoded by the GNA11 gene. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Acts as an activator of phospholipase C.



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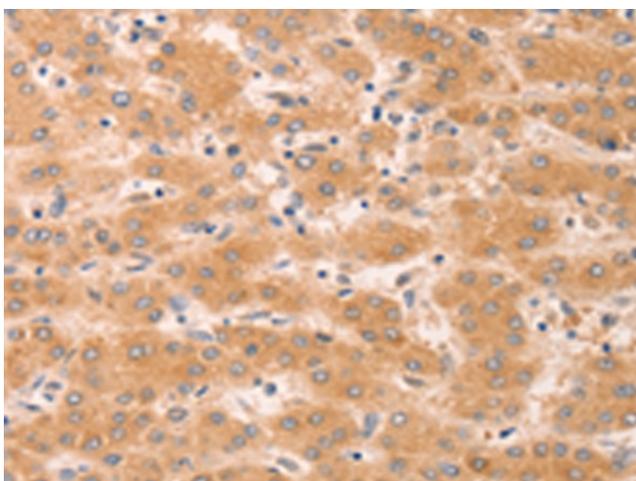
Synonyms: FBH; FBH2; FHH2; GNA-11; HHC2; HYPOC2

Protein Pathways: Calcium signaling pathway, Gap junction, GnRH signaling pathway, Long-term depression, Vascular smooth muscle contraction

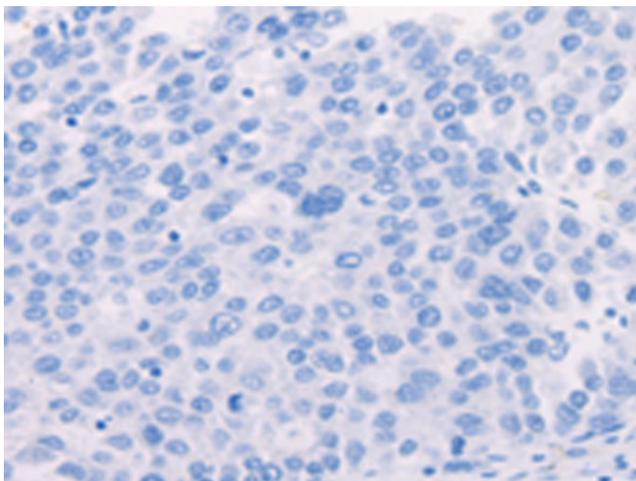
Product images:



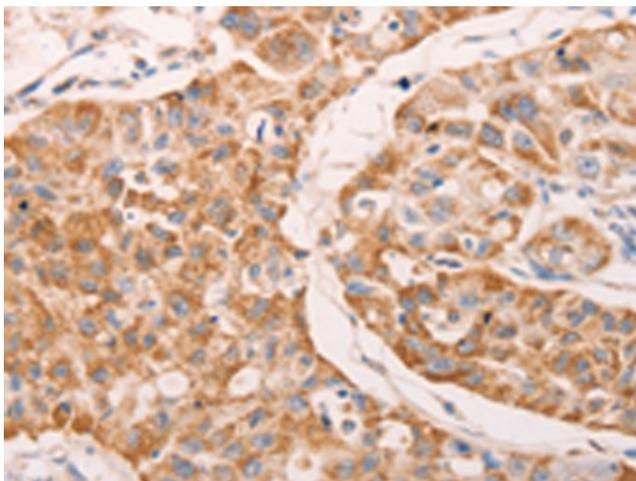
Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Human leiomyosarcoma tissue
Primary antibody: TA323063 (GNA11 Antibody) at dilution 1/450
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



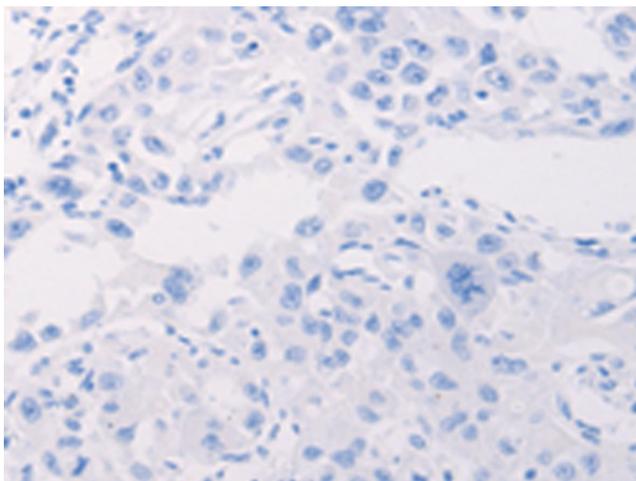
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA323063 (GNA11 Antibody) at dilution 1/40 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA323063 (GNA11 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323063 (GNA11 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323063 (GNA11 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)