

## Product datasheet for **TA323062S**

### GNA11 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse eyes tissue IHC: 50-200 Positive control: Human breast cancer Predicted cell location: cytoplasm, Cell membrane
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 <sub>3</sub> , 50% glycerol
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:	<a href="#">NP_002058</a> <a href="#">Entrez Gene 14672 Mouse</a> <a href="#">Entrez Gene 81662 Rat</a> <a href="#">Entrez Gene 2767 Human</a> <a href="#">P29992</a>
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.
Synonyms:	FBH; FBH2; FHH2; GNA-11; HHC2; HYPOC2



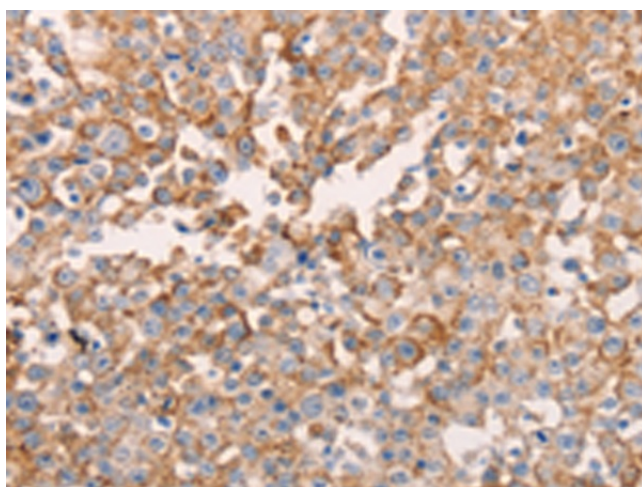
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**Protein Pathways:** Calcium signaling pathway, Gap junction, GnRH signaling pathway, Long-term depression, Vascular smooth muscle contraction

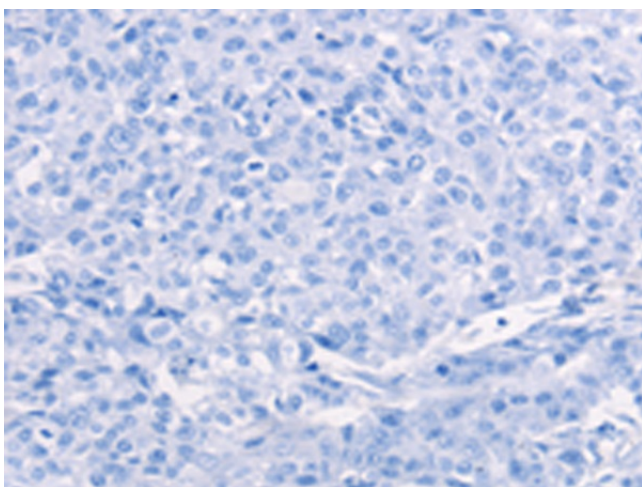
### Product images:



Gel: 10%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse eyes tissue  
Primary antibody: [TA323062] (GNA11 Antibody) at dilution 1/550  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA323062] (GNA11 Antibody) at dilution 1/40 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA323062] (GNA11 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )