



Datasheet for ABIN6243772  
**anti-GNA11 antibody (AA 115-146)**



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2 Images

Overview

Quantity:	400 µL
Target:	GNA11
Binding Specificity:	AA 115-146
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNA11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This GNA11 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 115-146 amino acids from the Central region of human GNA11.
Clone:	RB52469
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GNA11
Alternative Name:	GNA11 ( <a href="#">GNA11 Products</a> )
Background:	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in

## Target Details

various transmembrane signaling systems. Acts as an activator of phospholipase C.

Molecular Weight: 42123

UniProt: [P29992](#)

Pathways: [G-protein mediated Events](#)

## Application Details

Application Notes: IF: 1:25. WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

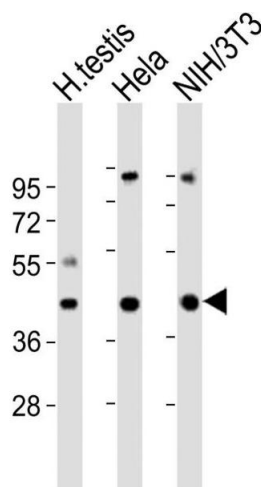
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

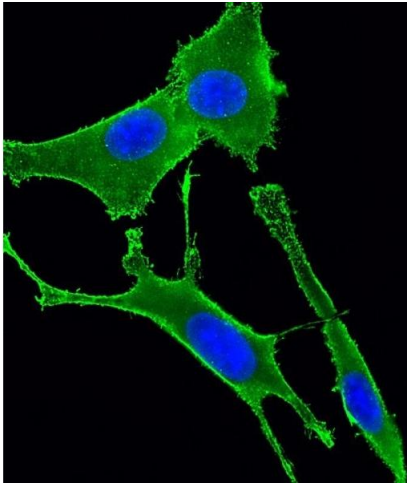
Expiry Date: 6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-GNA11 Antibody (Center) at 1:2000 dilution Lane 1: human testis lysates Lane 2: HeLa whole cell lysates Lane 3: NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Immunofluorescence

**Image 2.** Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized NIH/3T3 (mouse embryonic fibroblast cell line) cells labeling GNA11 with (ABIN6243772 and ABIN6578053) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and membrane staining on NIH/3T3 cell line. The nuclear counter stain is DI (blue).