

GNA11 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 173 and 359 of Human GNA11
Form	Liquid
Concentration	0.63 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2548763

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-

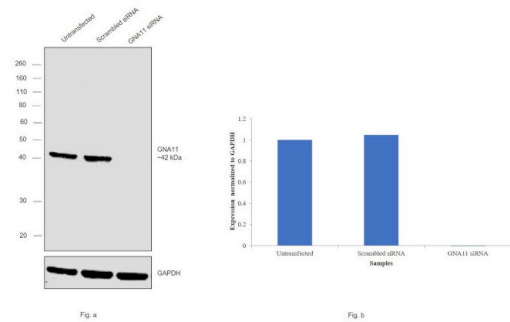
Product Specific Information

Recommended positive controls: HeLa, mouse kidney, rat brain.

Predicted reactivity: Mouse (99%), Rat (98%), Xenopus laevis (97%), Dog (99%), Pig (97%), Chicken (100%), Rhesus Monkey (100%), Bovine (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For GNA11 Polyclonal Antibody

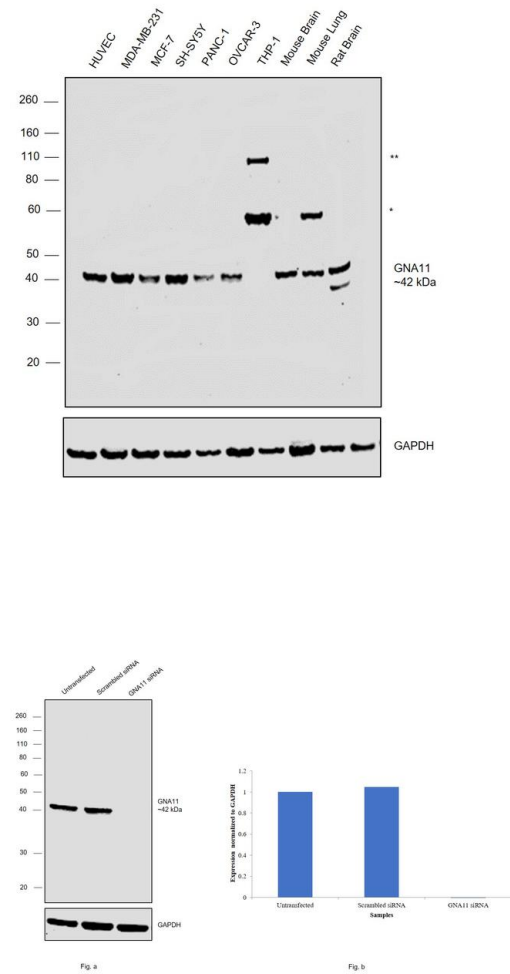


GNA11 Antibody (PA5-31289)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MDA-MB-231 cells were transfected with GNA11 siRNA and a decrease in signal intensity was observed in western blot application using Anti-GNA11 Polyclonal Antibody (Product # PA5-31289). {KD}

GNA11 Antibody (PA5-31289) in WB

Western blot was performed using Anti- GNA11 Polyclonal Antibody, (Product # PA5-31289) and a ~42 kDa band corresponding to GNA11 was observed across the panel except for THP1. Few uncharacterized bands (* and **) were also observed in THP-1 and Mouse Lung respectively. Whole cell extracts (30 µg lysate) of HUVEC (Lane 1), MDA-MB-231 (Lane 2), MCF-7 (Lane 3), SH-SY5Y (Lane 4), PANC-1 (Lane 5), OVCAR-3 (Lane 6), THP-1 (Lane 7), tissue extracts (30 µg lysate) of Mouse Brain (Lane 8), Mouse Lung (Lane 9) and Rat Brain (Lane 10) were electrophoresed using Novex® NuPAGE® 4-12% % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



GNA11 Antibody (PA5-31289) in WB

Knockdown of GNA11 was achieved by transfecting MDA-MB-231 cells with GNA11 specific siRNAs (Silencer® select Product # s5862, s5863). Western blot analysis (Fig. a) was performed using whole cell extracts from the MDA-MB-231 knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blot was probed with GNA11 Rabbit Polyclonal Antibody (Product # PA5-31289, 1:500 dilution) and Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to GNA11.

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