

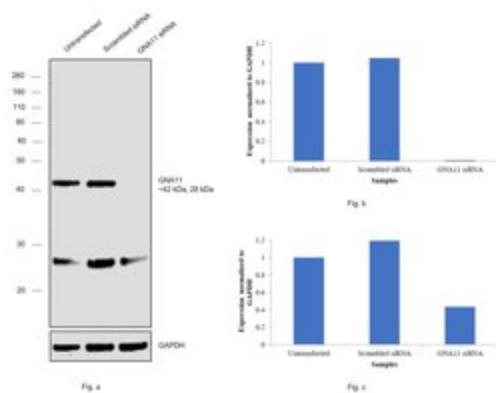
GNA11 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant full length Human GNA11.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2720405

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Western Blot (WB)	1:500-1:2000	-

Product Specific Information

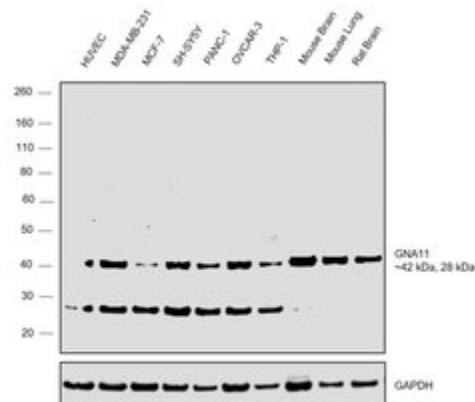
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).



GNA11 Antibody (PA5-76678)

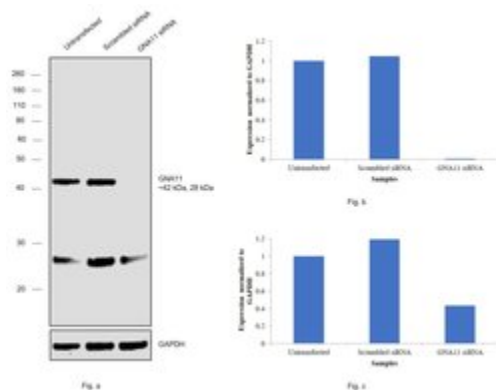
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MDA-MB-231 cells were transfected with GNA11 siRNA and a decrease in signal intensity for both 42 kDa (Fig.b) and 28 kD (Fig.c) was observed in western blot application using Anti-GNA11 Polyclonal Antibody (Product # PA5-76678). Knockdown validation info.

Product Images For GNA11 Polyclonal Antibody



GNA11 Antibody (PA5-76678) in WB

Western blot was performed using Anti- GNA11 Polyclonal Antibody, (Product # PA5-76678) and bands at ~42 kDa, ~28 kDa corresponding to GNA11 was observed across the panel tested. 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 (H+L) 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 (PA5-76678) 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 # PA5-76678, 1:500 dilution) and Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b, Fig. c). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to GNA11 (both isoforms).

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