

Product Data Sheet

Anti-GNA11 Antibody

Catalog #	Source	Reactivity	Applications
CQA1977	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to GNA11		
Immunogen	Recombinant full length protein of human GNA11		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GNA11 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	GNA11		
Alternative Names	GA11; Guanine nucleotide-binding protein subunit alpha-11; G alpha-11; G-protein subunit alpha-11; Guanine nucleotide-binding protein G(y) subunit alpha		
Entrez Gene	2767 (Human); 14672 (Mouse); 81662 (Rat)		
SwissProt	P29992 (Human); P21278 (Mouse); Q9JID2 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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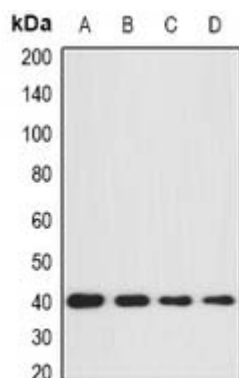
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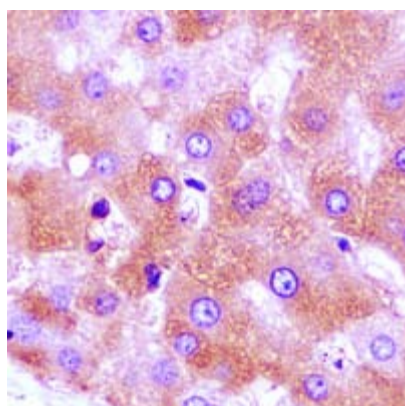
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Western blot analysis of GNA11 expression in BT474 (A), SKOV3 (B), mouse brain (C), mouse kidney (D) whole cell lysates.



Immunohistochemical analysis of GNA11 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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