

Rabbit GNA11 Polyclonal Antibody | anti-GNA11 antibody

GNA11 Antibody

CATALOG # AAA170014	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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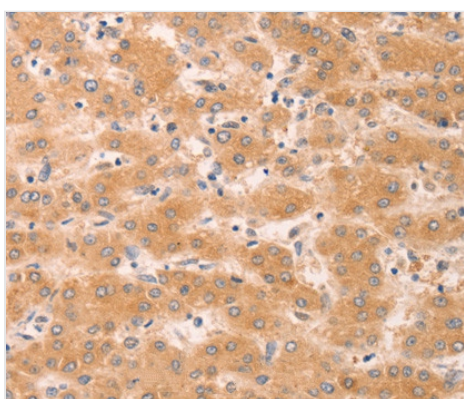
PRODUCT SYNONYMS

GNA11; Polyclonal Antibody; GNA11 Antibody; GNA-11; anti-GNA11 antibody

PRODUCT SPECIFICATIONS

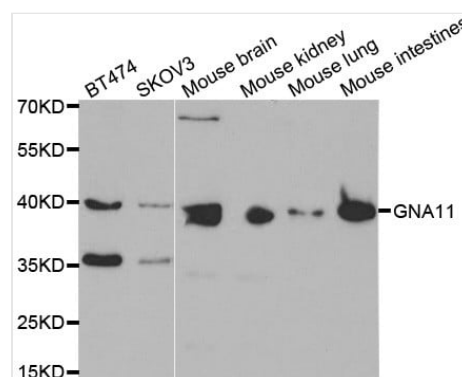
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	359
Applicable Applications for anti-GNA11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GNA11
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26792 / sc-46972 / sc-46974 / sc-12798 / sc-394 / sc-28587
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer tissue, using GNA11 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GNA11 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GNA11 antibody	Heterotrimeric guanine nucleotide-binding proteins (G proteins) consist of alpha, beta and gamma subunits and mediate the effects of hormones, neurotransmitters, chemokines and sensory stimuli. To date, over 20 known Galpha subunits have been classified into four families, Galpha(s), Galpha(i/o), Galpha(q) and Galpha(12), based on structural and functional similarities (1, 2). Phosphorylation of Tyr356 of Galpha(q)/Galpha(11) is essential for activation of the G protein, since phenylalanine substitution for Tyr356 changes the interaction of Galpha with receptors and abolishes ligand-induced IP3 formation (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115511049
NCBI GeneID	2767
NCBI Accession #	NP_002058.2
NCBI GenBank Nucleotide #	NM_002067.4
Molecular Weight	42,123 Da
NCBI Official Full Name	guanine nucleotide-binding protein subunit alpha-11
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
NCBI Official Symbol	GNA11
NCBI Official Synonym Symbols	FBH; FBH2; FHH2; HHC2; GNA-11; HYPOC2
NCBI Protein Information	guanine nucleotide-binding protein subunit alpha-11; G-protein subunit alpha-11; g alpha-11; guanine nucleotide-binding protein G(y) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein subunit alpha-11
UniProt Gene Name	GNA11
UniProt Synonym Gene Names	GA11; G alpha-11; G-protein subunit alpha-11
UniProt Entry Name	GNA11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gna11-antibody-immunohistochemistry-western-blot-elisa/170014>