Rabbit GNA11 Polyclonal Antibody | anti-GNA11 antibody

GNA11 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301629	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

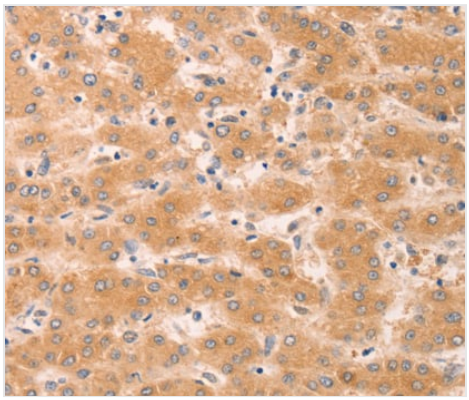
PRODUCT SYNONYMS

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

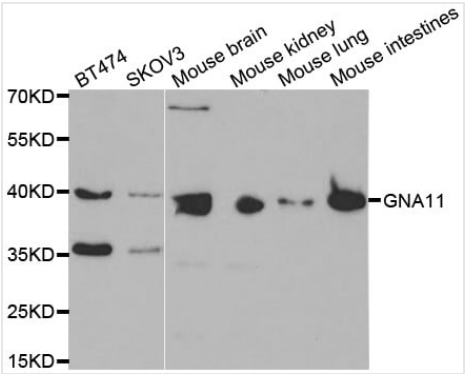
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GNA11 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-GNA11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GNA11.
Target Name	GNA11
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis 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 a, b and g subunits and mediate the effects of hormones, neurotransmitters, chemokines and sensory stimuli. To date, over 20 known Ga subunits have been classified into four families, Ga(s), Ga(i/o), Ga(q) and Ga(12), based on structural and functional similarities (1,2). Phosphorylation of Tyr356 of Ga(q)/Ga(11) is essential for activation of the G protein, since phenylalanine substitution for Tyr356 changes the interaction of Ga with receptors and abolishes ligand-induced IP3 formation (3).
Product Categories/Family for anti-GNA11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115511049
NCBI GeneID	2767
NCBI Accession #	NP_002058.2
NCBI GenBank Nucleotide #	NM_002067.4
UniProt Accession #	P29992; O15109; Q14350; Q6IB00
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
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/301629