ARG45201
anti-GNG11 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNG11
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	GNG11
Species	Human
Immunogen	Recombinant protein containing to human GNG11.
Conjugation	Un-conjugated
Alternate Names	RNA-binding protein 47; RNA-binding motif protein 47; RBM47

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
IHC-P	2-5 µg/ml
WB	0.25-0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 10 kDa

Properties

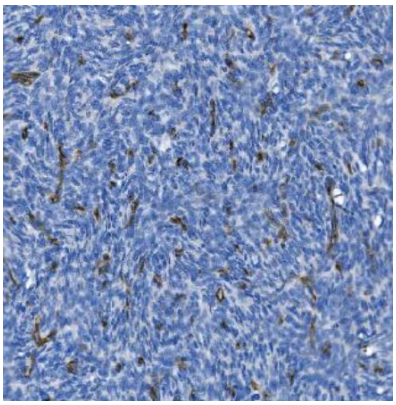
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

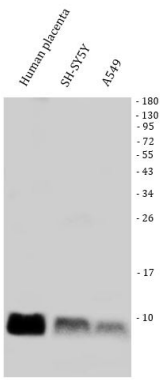
Gene Symbol	GNG11
Gene Full Name	G Protein Subunit Gamma 11
Background	This gene is a member of the guanine nucleotide-binding protein (G protein) gamma family and encodes a lipid-anchored, cell membrane protein. As a member of the heterotrimeric G protein complex, this protein plays a role in this transmembrane signaling system. This protein is also subject to carboxyl-terminal processing. Decreased expression of this gene is associated with splenic marginal zone lymphomas. [provided by RefSeq, Jul 2008]
Function	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.. [UniProt]
Calculated Mw	8 kDa
PTM	Lipoprotein; Methylation; Prenylation. [UniProt]
Cellular Localization	Cell membrane; Membrane. [UniProt]

Images



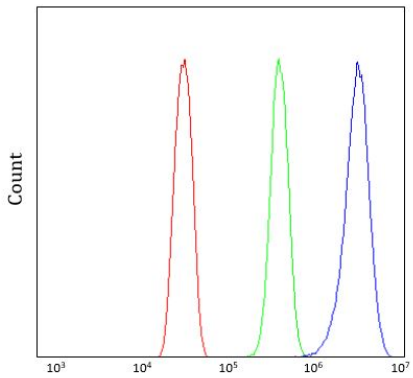
ARG45201 anti-GNG11 antibody IHC-P image

Immunohistochemistry: Human skin cancer stained with ARG45201 anti-GNG11 antibody at 2 µg/ml dilution.



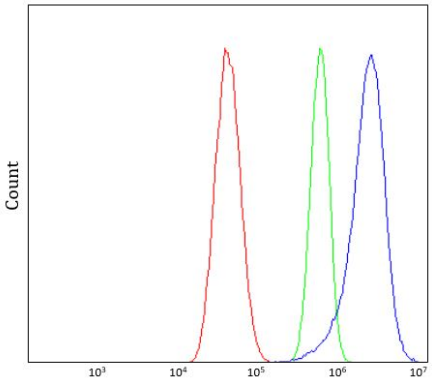
ARG45201 anti-GNG11 antibody WB image

Western blot: Human placenta, SH-SY5Y, and A549 stained with ARG45201 anti-GNG11 antibody at 0.5 µg/ml dilution.



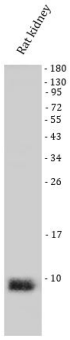
ARG45201 anti-GNG11 antibody FACS image

Flow Cytometry: RH35 stained with ARG45201 anti-GNG11 antibody at 1 µg/10^6 cells dilution.



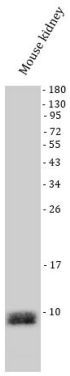
ARG45201 anti-GNG11 antibody FACS image

Flow Cytometry: U87 stained with ARG45201 anti-GNG11 antibody at 1 µg/10^6 cells dilution.



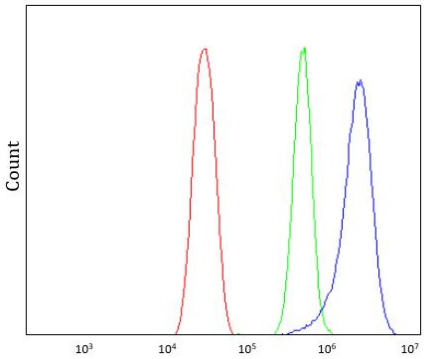
ARG45201 anti-GNG11 antibody WB image

Western blot: Rat kidney stained with ARG45201 anti-GNG11 antibody at 0.5 µg/ml dilution.



ARG45201 anti-GNG11 antibody WB image

Western blot: Mouse kidney stained with ARG45201 anti-GNG11 antibody at 0.5 µg/ml dilution.



ARG45201 anti-GNG11 antibody FACS image

Flow Cytometry: HEPA1-6 stained with ARG45201 anti-GNG11 antibody at 1 µg/10^6 cells dilution.