

Rabbit GNA12 Polyclonal Antibody | anti-GNA12 antibody

GNA12 antibody - middle region

CATALOG # AAA200430	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

GNA12; Polyclonal Antibody; GNA12 antibody - middle region; anti-GNA12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TF QLYVPALSAL WRDSGIREAF SRRSEFQLGE SVKYFLDNLD RIGQLNYF
Sequence Length	381
Applicable Applications for anti-GNA12 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNA12
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GNA12 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:31250
Positive Control: Human Liver



IHC (Immunohistochemistry)

Rabbit Anti-GNA12 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Ovary
Tissue
Observed Staining: Plasma membrane
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GNA12 antibody	This is a rabbit polyclonal antibody against GNA12. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GNA12 belongs to the G-alpha family. G(12) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.
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Product Categories/Family for anti-GNA12 antibody	Polyclonal; Chromatin & Nuclear Signaling; Signal Transduction; Various; Membrane & Traffic; DNA/RNA/Protein Interactions; GPCR; Cell Differentiation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42476111
NCBI GeneID	2768
NCBI Accession #	NP_031379
NCBI GenBank Nucleotide #	NM_007353
UniProt Accession #	Q03113
Molecular Weight	44kDa
NCBI Official Full Name	guanine nucleotide-binding protein subunit alpha-12 isoform 1
NCBI Official Synonym Full Names	G protein subunit alpha 12
NCBI Official Symbol	GNA12
NCBI Official Synonym Symbols	RMP; gep; NNX3
NCBI Protein Information	guanine nucleotide-binding protein subunit alpha-12
UniProt Protein Name	Guanine nucleotide-binding protein subunit alpha-12
UniProt Gene Name	GNA12
UniProt Entry Name	GNA12_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://stage.aaabiotech.com/polyclonal/gna12-antibody-western-blot-elisa/200430>