

Rabbit anti-Human CNGB1 Polyclonal Antibody | anti-CNGB1 antibody

CNGB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234824	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

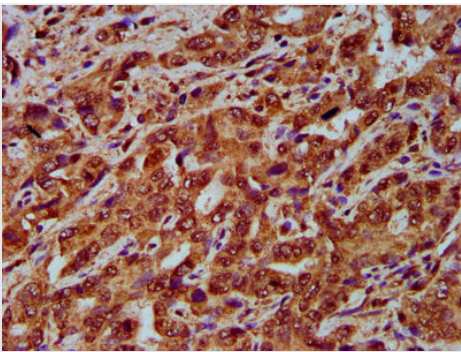
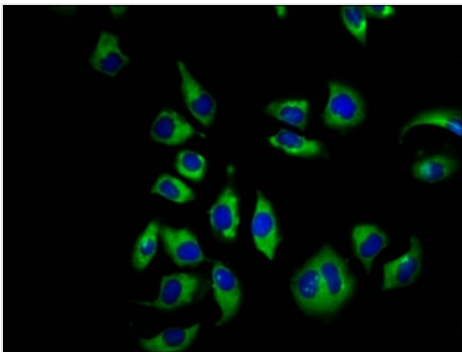
PRODUCT SYNONYMS

CNGB1; Polyclonal Antibody; CNGB1 Antibody; Cyclic nucleotide-gated cation channel beta-1; Cyclic nucleotide-gated cation channel 4; CNG channel 4; CNG-4; CNG4; Cyclic nucleotide-gated cation channel gamma; Cyclic nucleotide-gated cation channel modulatory subunit; Cyclic nucleotide-gated channel beta-1; CNG channel beta-1; Glutamic acid-rich protein; GARP; CNCG2; CNCG3L; CNCG4; RCNC2; anti-CNGB1 antibody

PRODUCT SPECIFICATIONS

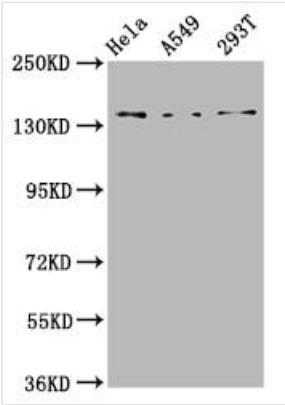
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Sequence Length	299
Applicable Applications for anti-CNGB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Cyclic nucleotide-gated cation channel beta-1 protein (131-253AA)
Immunogen Species	Homo sapiens (Human)
Conjugation	Non-conjugated
Research Area	Neuroscience
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunofluorescence staining of A549 cells with AAA234824 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemistry)
IHC image of AAA234824 diluted at 1:200 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Positive WB detected in: HeLa whole cell lysate, A549 whole cell lysate, 293T whole cell lysate
All lanes: CNGB1 antibody at 4.6ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 140, 71, 33 KDa
Observed band size: 140 KDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-CNGB1 antibody	Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208431781
NCBI GeneID	1258
NCBI Accession #	NP_001129111.1
NCBI GenBank Nucleotide #	NM_001135639.1
UniProt Accession #	Q14028; O43636; Q13059; Q14029; Q9UMG2; H3BN09
NCBI Official Full Name	cyclic nucleotide-gated cation channel beta-1 isoform b
NCBI Official Synonym Full Names	cyclic nucleotide gated channel beta 1
NCBI Official Symbol	CNGB1
NCBI Official Synonym Symbols	CNG4; GAR1; GARP; RP45; CNCG2; CNCG4; GARP2; RCNC2; RCNCb; CNCG3L; CNGB1B; RCNCbeta

NCBI Protein Information	cyclic nucleotide-gated cation channel beta-1
UniProt Protein Name	Cyclic nucleotide-gated cation channel beta-1
UniProt Gene Name	CNGB1
UniProt Synonym Gene Names	CNCG2; CNCG3L; CNCG4; RCNC2; CNG channel 4; CNG-4; CNG4; CNG channel beta-1; GARP

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/cnbg1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234824>