

Rabbit anti-Human GLRA1 Polyclonal Antibody | anti-GLRA1 antibody

GLRA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233215	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

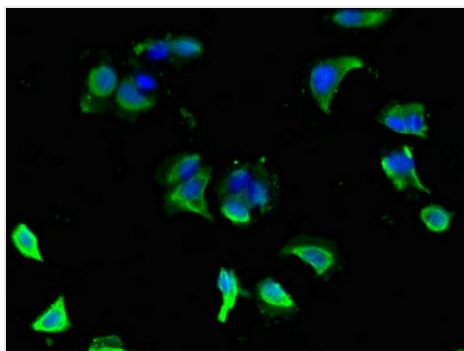
PRODUCT SYNONYMS

GLRA1; Polyclonal Antibody; GLRA1 Antibody; Glycine receptor subunit alpha-1; Glycine receptor 48 kDa subunit; Glycine receptor strychnine-binding subunit; anti-GLRA1 antibody

PRODUCT SPECIFICATIONS

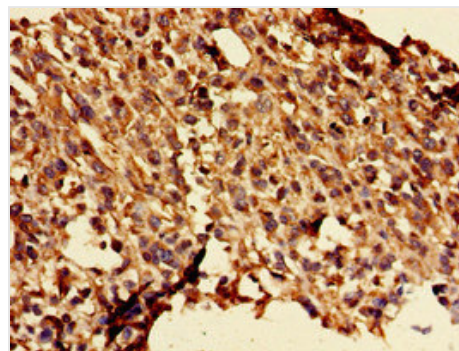
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	449
Applicable Applications for anti-GLRA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Glycine receptor subunit alpha-1 protein (23-113AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



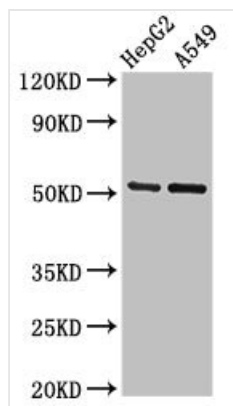
IHC (Immunohistochemisry)

Immunofluorescent analysis of MCF-7 cells using AAA233215 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA233215 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate
 All lanes: GLRA1 antibody at 2.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000
 dilution Predicted band size: 53,52 KDa Observed band size: 53 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GLRA1 antibody

Glycine receptors are ligand-gated chloride channels (PubMed:23994010, PubMed:25730860). Channel opening is triggered by extracellular glycine (PubMed:2155780, PubMed:7920629, PubMed:14551753, PubMed:16144831, PubMed:22715885, PubMed:22973015, PubMed:25973519, PubMed:9009272). Channel opening is also triggered by taurine and beta-alanine (PubMed:16144831, PubMed:9009272). Channel characteristics depend on the subunit composition; heteropentameric channels are activated by lower glycine levels and display faster desensitization (PubMed:14551753). Plays an important role in the down-regulation of neuronal excitability (PubMed:8298642, PubMed:9009272). Contributes to the generation of inhibitory postsynaptic currents (PubMed:25445488). Channel activity is potentiated by ethanol (PubMed:25973519). Potentiation of channel activity by intoxicating levels of ethanol contribute to the sedative effects of ethanol (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372310
NCBI GeneID	2741
NCBI Accession #	NP_000162.2
NCBI GenBank Nucleotide #	NM_000171.3
UniProt Accession #	P23415; Q14C77; Q6DJV9; B2R6T3
Molecular Weight	51,693 Da
NCBI Official Full Name	glycine receptor subunit alpha-1 isoform 2
NCBI Official Synonym Full Names	glycine receptor alpha 1
NCBI Official Symbol	GLRA1
NCBI Official Synonym Symbols	STHE; HKPX1
NCBI Protein Information	glycine receptor subunit alpha-1
UniProt Protein Name	Glycine receptor subunit alpha-1
UniProt Gene Name	GLRA1

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/glra1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233215>