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

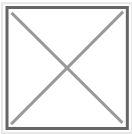
GLRA1; Polyclonal Antibody; GLRA1 Antibody; Glycine receptor subunit alpha-1; Glycine receptor 48 kDa subunit; Glycine receptor strychnine-binding subunit; anti-GLRA1 antibody

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-congugated 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 BlotPositive WB detected in: HepG2 whole cell lysate,A549 whole cell lysateAll lanes: GLRA1 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 53,52 KDaObserved 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 ot 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://stage.aaabiotech.com/polyclonal/glra1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233215