

GlyRBeta Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03615
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GLRB. AA range:211-260
Mol wt	56122
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	GlyRBeta Antibody
Synonyms	GLRB; Glycine receptor subunit beta; Glycine receptor 58 kDa subunit

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GLRB encodes the beta subunit of the glycine receptor, which is a pentamer composed of alpha and beta subunits. The receptor functions as a neurotransmitter-gated ion channel, which produces hyperpolarization via increased chloride conductance due to the binding of glycine to the receptor. Mutations in this gene cause startle disease, also known as hereditary hyperekplexia or congenital stiff-person syndrome, a disease characterized by muscular rigidity. Alternative splicing results in multiple transcript variants.

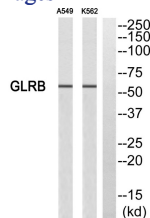
Recommended Dilution

WB: 1: 500 - 1: 2000

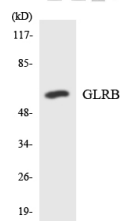
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of GLRB Antibody. The lane on the right is blocked with the GLRB peptide.



Western blot analysis of the lysates from HUVEC cells using GLRB antibody.

Storage

-20°C for one year

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