

## GLRB

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**56kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human GLRB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HKPX2;

**Catalog #:**A10505

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2743

**Isotype:**IgG

**Swiss Prot:**P48167

**Purity:**Affinity purification

For research use only.

**Background:**

This gene 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.

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