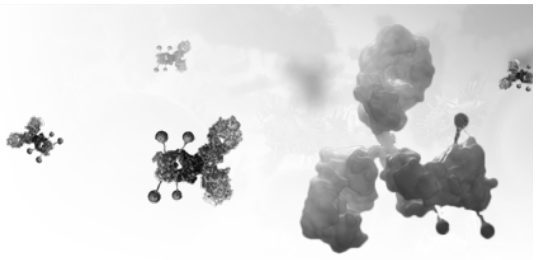

Mouse anti-Human GLRA1 monoclonal antibody, clone 3F7 (CABT-B10334)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GLRA1 (NP_000162, 121 a.a. ~ 221 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3F7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	IWKPDLFFANEKGAHFHEITTDNKLLRISRNGNVLYSIRITLTLACPMDLKNFPMDVQTC IMQLESFGYTMNDLIFEWQEQGAVQVADGLTLPQFILKEE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]
Keywords	GLRA1; glycine receptor, alpha 1; STHE; HKPX1; glycine receptor subunit alpha-1; glycine receptor 48 kDa subunit; glycine receptor strychnine-binding subunit;

GENE INFORMATION

Entrez Gene ID	2741
UniProt ID	P23415
Pathway	Ion channel transport, organism-specific biosystem; Ligand-gated ion channel transport, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem
Function	extracellular ligand-gated ion channel activity; extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity; contributes_to extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity; glycine binding; glycine binding; ion channel activity; protein binding; receptor activity; taurine binding; transmitter-gated ion channel activity

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