

## Mouse Monoclonal Antibody to GLRA1

**Catalogue Number** sAP-1612

**Target Molecule** **Name:** GLRA1

**Aliases:** STHE; HKPX1

**MW:** 52.6kDa

**Entrez Gene ID:** 2741

**Description** The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor, which mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Multiple transcript variants encoding different isoforms have been found.

**Immunogen** Purified recombinant fragment of human GLRA1 (AA: extra 29-154) expressed in E. Coli.

**Reactive Species** Human;

**Clone** MM7F8E2

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1.Alcohol Clin Exp Res. 2015 Jun;39(6):962-8.2.J Biol Chem. 2012 Nov 23;287(48):40713-21.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**