

SYT12 Rabbit Polyclonal Antibody

Catalog No: #54399

Package Size: #54399-1 50ul #54399-2 100ul

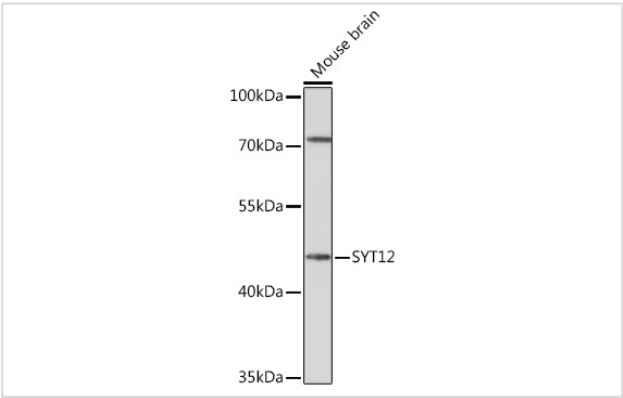
Description

Product Name	SYT12 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human SYT12 (NP_001171351.1).
Conjugates	Unconjugated
Other Names	SYT12;SYT11;sytXII
Accession No.	Swiss Prot:Q8IV01Gene ID:91683
Calculated MW	46kDa
SDS-PAGE MW	46kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

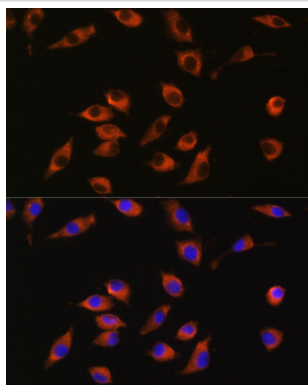
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of Mouse brain, using SYT12 Rabbit pAb.



Immunofluorescence analysis of L929 cells using SYT12 antibody.

Background

This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. Studies of the orthologous gene in rat have shown that the encoded protein selectively modulates spontaneous synaptic-vesicle exocytosis and may also be involved in regulating calcium independent secretion in nonneuronal cells. Alternative splicing results in multiple transcript variants. The gene has previously been referred to as synaptotagmin XI but has been renamed synaptotagmin XII to be standard with mouse and rat official nomenclature.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.