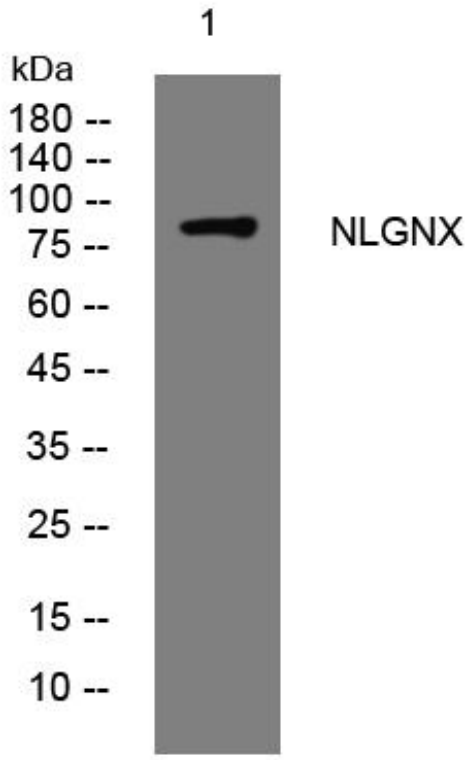
NLGNX mouse mAb

Catalog No	BYmab-08397
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	NLGN4X KIAA1260 NLGN4 UNQ365/PRO701
Protein Name	NLGNX
Immunogen	Synthesized peptide derived from human NLGNX AA range: 601-651
Specificity	This antibody detects endogenous levels of NLGNX at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell membrane; Single-pass type I membrane protein. Cell junction, synapse, postsynaptic density membrane.
Tissue Specificity	Expressed at highest levels in heart. Expressed at lower levels in liver, skeletal muscle and pancreas and at very low levels in brain.
Function	disease:Defects in NLGN4X may be the cause of susceptibility to X-linked Asperger syndrome 2 (ASPGX2) [MIM:300497]. ASPGX2 is considered to be a form of childhood autism.,disease:Defects in NLGN4X may be the cause of susceptibility to X-linked autism 2 (AUTSX2) [MIM:300495]. AUTSX2 is a pervasive developmental disorder (PDD), prototypically characterized by impairments in reciprocal social interaction and communication, restricted and stereotyped patterns of interests and activities, and the presence of developmental abnormalities by 3 years of age.,function:Putative neuronal cell surface protein involved in cell-cell-interactions.,similarity:Belongs to the type-B carboxylesterase/lipase family.,subunit:Interacts through its C-terminus with DLG4/PSD-95 third PDZ domain.,tissue specificity:Expressed at highest levels in

	heart. Expressed at lower levels in liver, skeletal muscle and pancre
Background	This gene encodes a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using NLGNX mouse mAb