



PIG-X Monoclonal Antibody

Catalog No	YP-mAb-02754
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PIGX
Immunogen	The antiserum was produced against synthesized peptide derived from human PIGX. AA range:183-232
Specificity	PIG-X Monoclonal Antibody detects endogenous levels of PIG-X protein.
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PIG-X;PIG X;Phosphatidylinositol-glycan biosynthesis class X protein;PIGX
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,
Function	function:Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,PTM:N-glycosylated., sequence caution:Unusual initiator. The initiator methionine is coded by a non-canonical CTG leucine codon.,similarity:Belongs to the PIGX family., subunit:Interacts with PIGM.,
Background	This gene encodes a type I transmembrane protein in the endoplasmic reticulum (ER). The protein is an essential component of glycosylphosphatidylinositol-mannosyltransferase I, which transfers the first of the four mannoses in the GPI-



anchor precursors during GPI-anchor biosynthesis. Studies in rat indicate that the protein is translated from a non-AUG translation initiation site. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],

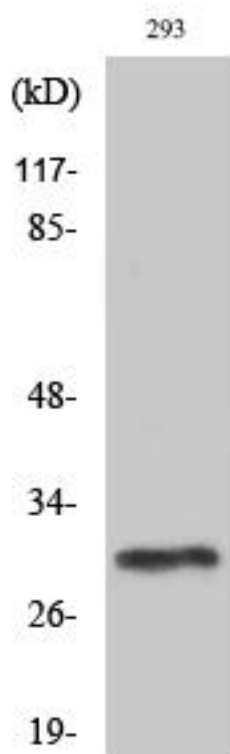
matters needing attention

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 PIG-X Monoclonal Antibody