BT LAB
Bioassay Technology Laboratory
Optimize Your Research

PIG-X Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07174
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PIGX. AA range:183-232
Mol wt	28804
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	PIG-X Antibody
Synonyms	PIGX; Phosphatidylinositol-glycan biosynthesis class X protein; PIG-X

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PIGX encodes a type I transmembrane protein in the endoplasmic reticulum (ER). Phosphatidylinositol glycan anchor biosynthesis class X 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.

Recommended Dilution

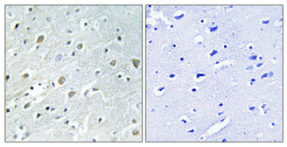
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

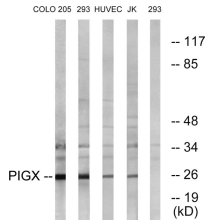
ELISA: 1: 40000

Not yet tested in other applications.

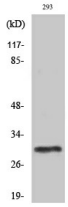
Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from 293, COLO, HUVEC, and Jurkat cells, using PIGX Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PIG-X Polyclonal Antibody diluted at 1:1000

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com