Datasheet for ABIN2784046

anti-PIGO antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	PIGO
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGO antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PIGO
Sequence:	LIDALRFDFA QPQHSHVPRE PPVSLPFLGK LSSLQRILEI QPHHARLYRS
Predicted Reactivity:	Cow: 92%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PIGO. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PIGO

Target Details

Alternative Name:	PIGO (PIGO Products)
Background:	PIGO is a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. PIGO is involved in the transfer of ethanolaminephosphate (EtNP) to the third mannose in GPI.This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. This protein is involved in the transfer of ethanolaminephosphate (EtNP) to the third mannose in GPI. At least two alternatively spliced transcripts encoding distinct isoforms have been found for this gene. Alias Symbols: DKFZp434M222, FLJ00135, MGC20536, MGC3079, RP11-182N22.4 Protein Interaction Partner: UBC, APP, PIGF, Protein Size: 672
Molecular Weight:	74 kDa
Gene ID:	84720
NCBI Accession:	NM_152850, NP_690577
UniProt:	B1AML3
Pathways:	Inositol Metabolic Process, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 672 AA
Restrictions:	For Research Use only

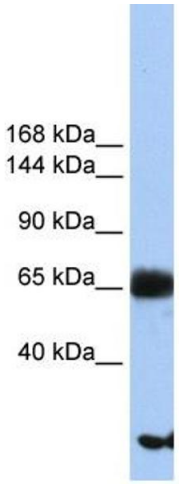
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PIGO Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate There is BioGPS gene expression data showing that PIGO is expressed in HeLa