

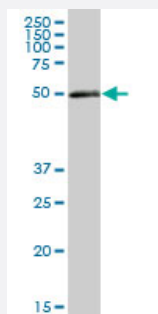
MaxPab®

PDIA3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002923-B01P

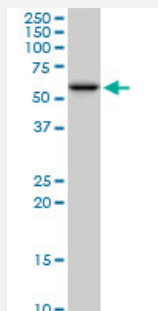
Size 50 ug

Applications



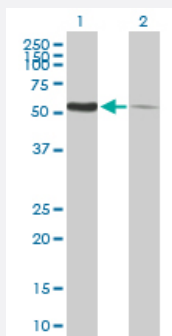
Western Blot (Tissue lysate)

PDIA3 MaxPab polyclonal antibody. Western Blot analysis of PDIA3 expression in human stomach.



Western Blot (Cell lysate)

PDIA3 MaxPab polyclonal antibody. Western Blot analysis of PDIA3 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of PDIA3 expression in transfected 293T cell line ([H00002923-T01](#)) by PDIA3 MaxPab polyclonal antibody.

Lane 1: PDIA3 transfected lysate(55.55 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PDIA3 protein.

Immunogen	PDIA3 (NP_005304.3, 1 a.a. ~ 505 a.a) full-length human protein.
Sequence	MRLRRLALFPGVALLLAAARLAAASDVLELTDDNFESRISDTGSAGLMLVEFFAPWCGHCKRLA PEYEAAAATRLKGMPLAKVDCTANTNTCNKYGVSGYPTLKIFRDGEEAGAYDGPRTADGIVSHLKK QAGPASVPLRTEEEFKKFISDKDASVGGFDDSFSEAHSEFLKAASNLRDNYRFAHTNVESLVNE YDDNGEGIILFRPSHLTNKFEDKTVAYTEQKMTSGKIKKFIQENIFGICPHMTEDNKDLIQGKDLLIAY YDVDYEKNAKGSNYWRNRVMMVAKKFLDAGHKLNFASRKTFSELSDFGLESTAGEIPVVAI RTAKGEKFVMQEEFSRDGKALERFLQDYFDGNLKRYLKSEPIPESNDGPVKVVVAENFDEMN ENKDVLEFYAPWCGHCKNLEPKYKELGEKLSKDPNVIKMDATANDVPSPYEVRGFPTTYFSPA NKKLNPKKYEGGRELSDFISYLQREATNPPVIQEEKPKKKKKAQEDL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PDIA3 MaxPab polyclonal antibody. Western Blot analysis of PDIA3 expression in human stomach.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDIA3 MaxPab polyclonal antibody. Western Blot analysis of PDIA3 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDIA3 expression in transfected 293T cell line ([H00002923-T01](#)) by PDIA3 MaxPab polyclonal antibody.

Lane 1: PDIA3 transfected lysate(55.55 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PDIA3

Entrez GeneID [2923](#)

GeneBank Accession# [NM_005313.4](#)

Protein Accession# [NP_005304.3](#)

Gene Name PDIA3

Gene Alias ER60, ERp57, ERp60, ERp61, GRP57, GRP58, HsT17083, P58, PI-PLC

Gene Description protein disulfide isomerase family A, member 3

Omim ID [602046](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates. [provided by RefSeq]

Other Designations 58 kDa microsomal protein|OTTHUMP00000041709|endoplasmic reticulum P58|glucose regulated protein, 58kDa|phospholipase C-alpha|protein disulfide isomerase-associated 3|protein disulfide isomerase A3

Publication Reference

- [JMJD8 is a novel endoplasmic reticulum protein with a JmjC domain.](#)

Yeo KS, Tan MC, Lim YY, Ea CK.

Scientific Reports 2017 Nov; 7(1):15407.

Application: WB-Tr, Human, HEK 293T cells

- [Identification of novel downstream targets of platelet glycoprotein VI activation by differential proteome analysis: implications for thrombus formation.](#)

Schulz C, Leuschen NV, Frohlich T, Lorenz M, Pfeiler S, Gleissner CA, Kremmer E, Kessler M, Khandoga AG, Engelmann B, Ley K, Massberg S, Arnold GJ.

Blood 2010 May; 115(20):4102.

Application: WB-Ce, Human, Human platelets

Pathway

- [Antigen processing and presentation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)