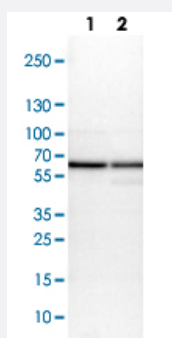


PDIA3 polyclonal antibody

Catalog # PAB29388

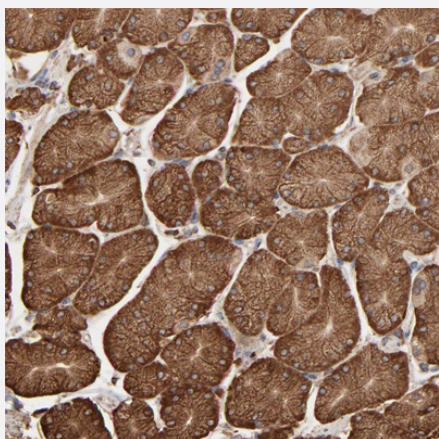
Size 100 uL

Applications



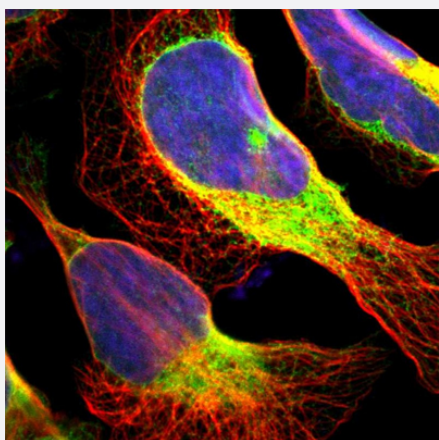
Western Blot (Cell lysate)

Western blot analysis of Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells) Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells) with PDIA3 polyclonal antibody (Cat # PAB29388) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with PDIA3 polyclonal antibody (Cat # PAB29388) shows cytoplasmic positivity in glandular cells at 1:2500-1:5000 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with PDIA3 polyclonal antibody (Cat # PAB29388) at 1-4 ug/mL concentration shows positivity in endoplasmic reticulum.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human PDIA3.
Immunogen	Recombinant protein corresponding to human PDIA3.
Sequence	PTLKIFRDGEEAGAYDGPRTADGM/SHLKKQAGPASVPLRTEEEFKKFISDKDASVGGFFDDSFSE AHSEFLKAASNLRDNYRFAHTNVESLVNEYDDNGEGIILFRPSHLTNKFEDK
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:2500-1:5000) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — PDIA3

Entrez GeneID	2923
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

Pathway

- [Antigen processing and presentation](#)

Disease

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