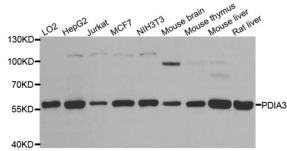
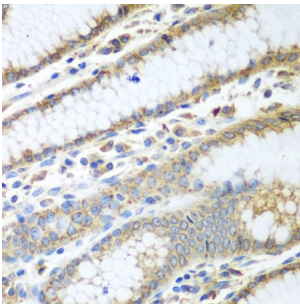


## Protein Disulfide Isomerase A3 (PDIA3) Antibody

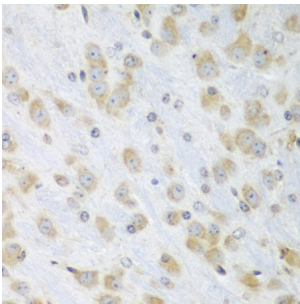
Catalogue No.: abx001008



Western blot analysis of extracts of various cell lines, using PDIA3 antibody (abx001008) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human stomach using PDIA3 antibody (abx001008) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using PDIA3 antibody (abx001008) at dilution of 1/100 (40x lens).

PDIA3 Antibody is a Rabbit Polyclonal antibody against PDIA3. 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.

**Target:** Protein Disulfide Isomerase A3 (PDIA3)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** WB, IHC, IF/ICC

**Host:** Rabbit

# Datasheet

Version: 5.0.0  
Revision date: 04 Dec 2024



**Recommended dilutions:** WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/100, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 206-505 of human ERp57.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P30101 ([UniProt](#), [Expasy](#))

**Gene Symbol:** PDIA3

**GeneID:** [2923](#)

**NCBI Accession:** NP\_005304.3

**KEGG:** hsa:2923

**String:** [9606.ENSP00000300289](#)

**Molecular Weight:** Calculated MW: 54 kDa  
Observed MW: 57 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

**Note:** This product is for research use only.