

Rabbit PDI Polyclonal Antibody | anti-PDI antibody

PDI Antibody

CATALOG #	HOST	APPLICATIONS
AAA225109	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

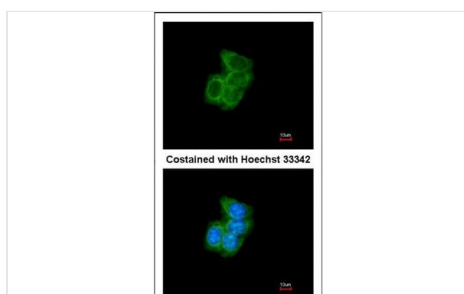
PRODUCT SYNONYMS

PDI; Polyclonal Antibody; PDI Antibody; Affinity Purified Rabbit Polyclonal PDI Antibody; Polyclonal PDI antibody; Anti-PDI antibody; protein disulfide isomerase family A member 1 antibody; PDI antibody; protein disulfide isomerase/oxidoreductase antibody; P4HB antibody; P4Hbeta antibody; GIT antibody; PDIA1 antibody; glutathione-insulin transhydrogenase antibody; DSI antibody; cellular thyroid hormone-binding protein antibody; protein disulfide-isomerase antibody; ERBA2L antibody; PHDB antibody; PO4HB antibody; PO4DB antibody; PROHB antibody; anti-PDI antibody

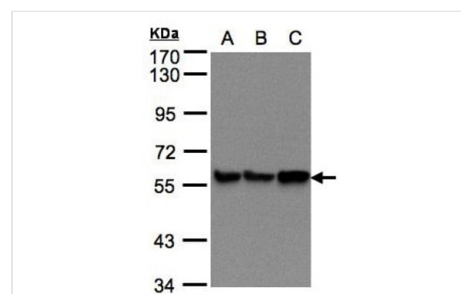
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	24
Applicable Applications for anti-PDI antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	PDI antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 23 and 227 of PDI
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

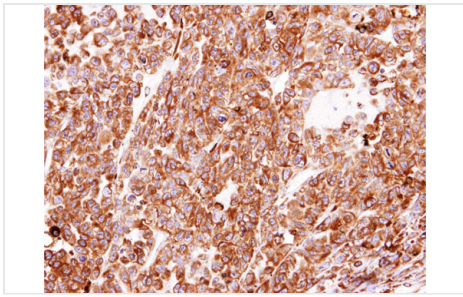
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using PDI antibody at 1:200 dilution.

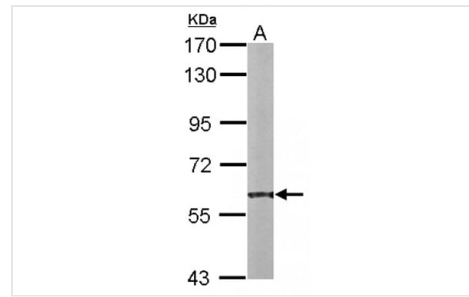

WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:293T; B:A431; C:H1299) using a 7.5% SDS PAGE gel and PDI antibody at a dilution of 1:500



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded H520 xenograft using PDI antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 20 ug of whole cell lysate (A: mouse liver) using a 7.5% SDS PAGE gel and PDI antibody at a dilution of 1:10000

ADDITIONAL INFORMATION

Related Product Information for anti-PDI antibody	This gene encodes the beta subunit of prolyl 4-hydroxylase, a highly abundant multifunctional enzyme that belongs to the protein disulfide isomerase family. When present as a tetramer consisting of two alpha and two beta subunits, this enzyme is involved in hydroxylation of prolyl residues in procollagen. This enzyme is also a disulfide isomerase containing two thioredoxin domains that catalyze the formation, breakage and rearrangement of disulfide bonds. Other known functions include its ability to act as a chaperone that inhibits aggregation of misfolded proteins in a concentration-dependent manner, its ability to bind thyroid hormone, its role in both the influx and efflux of S-nitrosothiol-bound nitric oxide, and its function as a subunit of the microsomal triglyceride transfer protein complex.
Product Categories/Family for anti-PDI antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540806
NCBI GeneID	5034
Molecular Weight	57 kDa
NCBI Official Full Name	protein disulfide isomerase, partial
NCBI Official Synonym Full Names	prolyl 4-hydroxylase subunit beta
NCBI Official Symbol	P4HB
NCBI Official Synonym Symbols	DSI; GIT; PDI; PHDB; PDIA1; PO4DB; PO4HB; PROHB; CLCRP1; ERBA2L; P4Hbeta
NCBI Protein Information	protein disulfide-isomerase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdi-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225109>