

ERp57 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP03071

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3.

AA range:111-160

Mol wt 56782

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name ERp57 Antibody

Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58

kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER pr

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

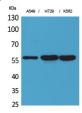
PDIA3 encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. Protein disulfide-isomerase A3was once thought to be a phospholipase; however, it has been demonstrated that the protein actually 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 300 ELISA: 1: 20000

Not yet tested in other applications.

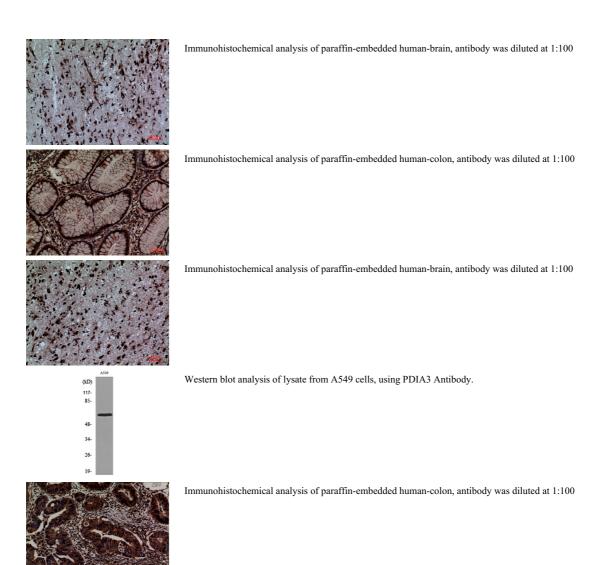
Images



Western Blot analysis of A549, HT29, K562 cells using ERp57 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Storage

-20°C for one year

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