

产品名称: ERp57 Rabbit Polyclonal Antibody
产品货号: AP Rab10614



产品概述 (Summary)

产品名称 (Production Name)	ERp57 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDIA3
别名 (Alternative Names)	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 protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60
基因 ID (Gene ID)	2923.0
蛋白 ID (SwissProt ID)	P30101. The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range:111-160

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 55kDa

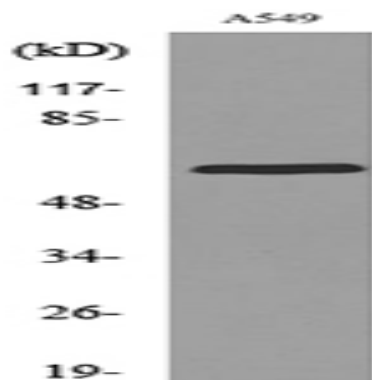
研究背景 (Background)

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, Jul 2008], catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins., caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed:11840567, similarity: Belongs to the protein disulfide isomerase family., similarity: Contains 2 thioredoxin domains., subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to stage IV., subunit: Interacts with ERP27 and CANX.,

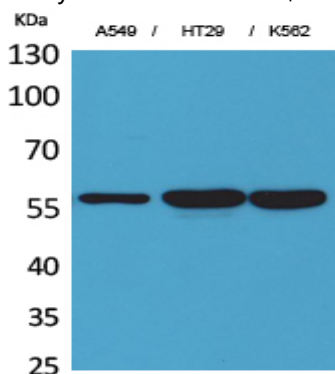
研究领域 (Research Area)

Antigen processing and presentation;

图片 (Image Data)



Western blot analysis of lysate from A549 cells, using PDIA3 Antibody.

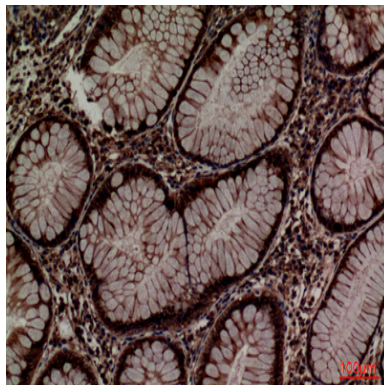


Western Blot analysis of A549, HT29, K562 cells using ERp57 Polyclonal Antibody.. Secondary antibody was diluted at

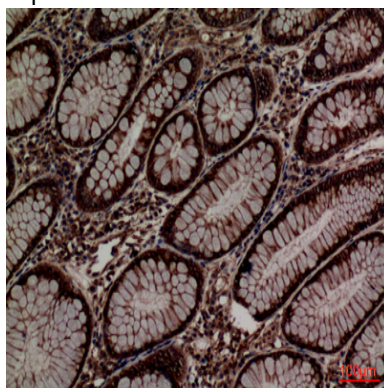
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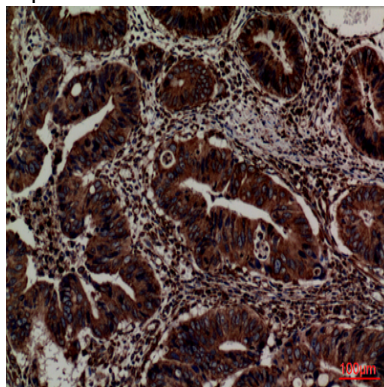
1:20000



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

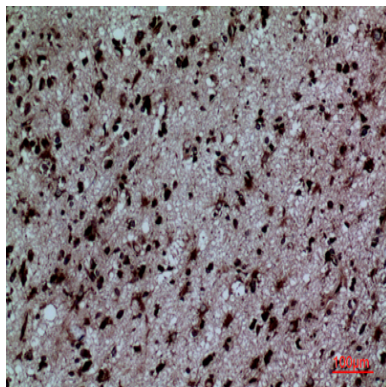


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100

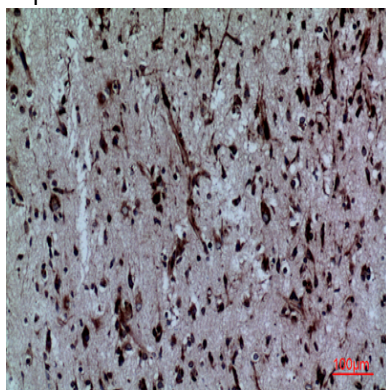


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100

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



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

注意事项 (Note)

For research use only .