

Product datasheet for **TA351167S**

ERP29 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cells and human fetal liver tissue, A549 and 293T cells IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ERP29
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	endoplasmic reticulum protein 29
Database Link:	NP_006808 Entrez Gene 117030 Rat Entrez Gene 10961 Human P30040

Background: This gene encodes a reticuloplasmin, a protein which resides in the lumen of the endoplasmic reticulum (ER). The protein shows sequence similarity to the protein disulfide isomerase family. However, it lacks the thioredoxin motif characteristic of this family, suggesting that this protein does not function as a disulfide isomerase. The protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms

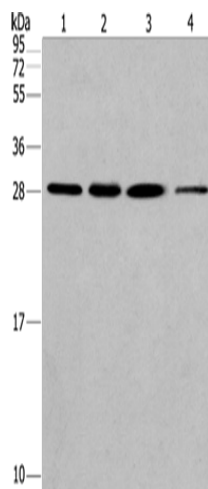


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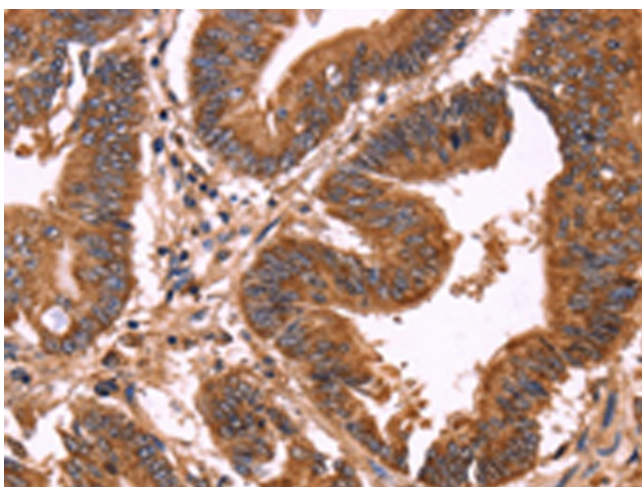
Synonyms: C12orf8; ERp28; ERp31; HEL-S-107; PDI-DB; PDIA9

Protein Families: Transmembrane

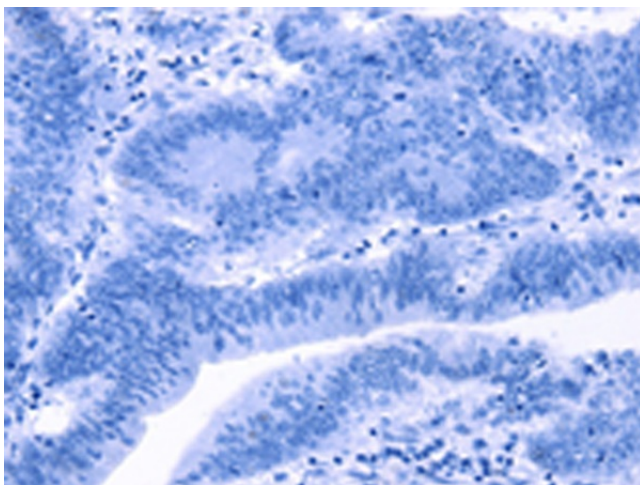
Product images:



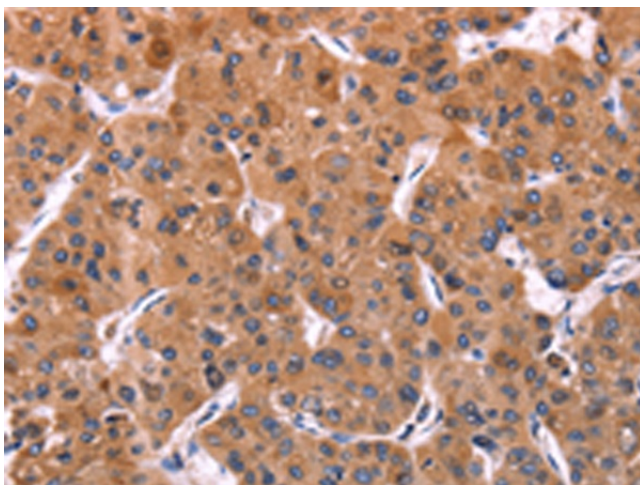
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-4: HeLa cells
human fetal liver tissue
A549 cells
293T cells
Primary antibody: [TA351167] (ERP29 Antibody)
at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 40 seconds



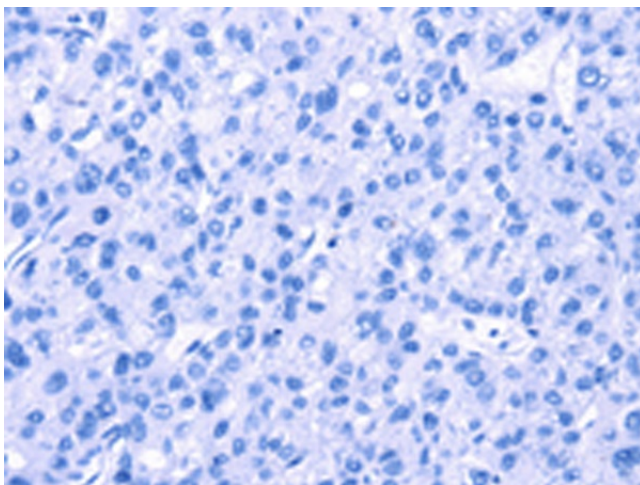
Immunohistochemistry of paraffin-embedded
Human colon cancer tissue using [TA351167]
(ERP29 Antibody) at dilution 1/40 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA351167] (ERP29 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351167] (ERP29 Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351167] (ERP29 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: x200)