

## Rabbit ERP29 Polyclonal Antibody | anti-ERP29 antibody

ERP29 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170036</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

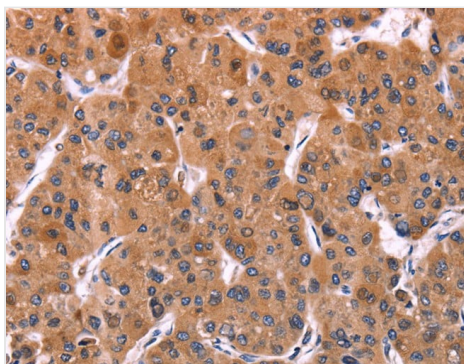
### PRODUCT SYNONYMS

ERP29; Polyclonal Antibody; ERP29 Polyclonal Antibody; ERp28; ERp31; PDIA9; PDI-DB; C12orf8; anti-ERP29 antibody

### PRODUCT SPECIFICATIONS

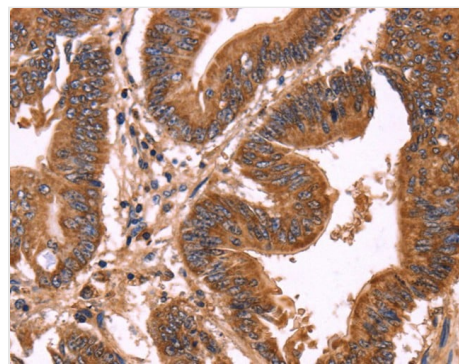
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 2.6mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 261                                                                                       |
| Applicable Applications for anti-ERP29 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                       | Synthetic peptide of human ERP29                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



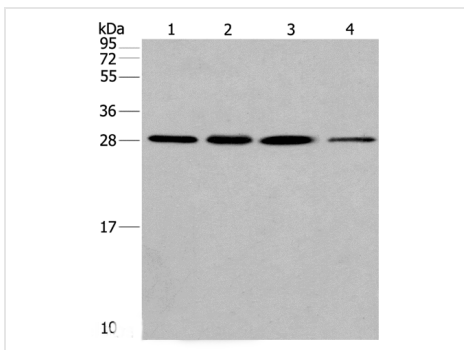
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ERP29 Polyclonal Antibody at dilution of 1:40



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using ERP29 Polyclonal Antibody at dilution of 1:40



#### WB (Western Blot)

Western Blot analysis of Hela cell and Human fetal liver tissue, A549 and 293T cell using ERP29 Polyclonal Antibody at dilution of 1:200

## ADDITIONAL INFORMATION

### Related Product Information for anti-ERP29 antibody

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5803013                                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 10961                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_006808.1                                                                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_006817.3                                                                                                                                                                                                                                                       |
| Molecular Weight                 | 5,477 Da                                                                                                                                                                                                                                                          |
| NCBI Official Full Name          | endoplasmic reticulum resident protein 29 isoform 1                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | endoplasmic reticulum protein 29                                                                                                                                                                                                                                  |
| NCBI Official Symbol             | ERP29                                                                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | ERp28; ERp31; PDIA9; PDI-DB; C12orf8; HEL-S-107                                                                                                                                                                                                                   |
| NCBI Protein Information         | endoplasmic reticulum resident protein 29; endoplasmic reticulum luminal protein ERp28; endoplasmic reticulum resident protein 28; endoplasmic reticulum resident protein 31; epididymis secretory protein Li 107; protein disulfide isomerase family A, member 9 |
| UniProt Protein Name             | Endoplasmic reticulum resident protein 29                                                                                                                                                                                                                         |
| UniProt Gene Name                | <b>ERP29</b>                                                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | C12orf8; ERP28; ERp29; ERp28; ERp31                                                                                                                                                                                                                               |
| UniProt Entry Name               | ERP29_HUMAN                                                                                                                                                                                                                                                       |

**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://www.aaabiotech.com/polyclonal/erp29-antibody-immunohistochemistry-western-blot-elisa/170036>