

## Rabbit anti-Human, Mouse ERP44 Polyclonal Antibody | anti-ERP44 antibody

ERP44 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA173291 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

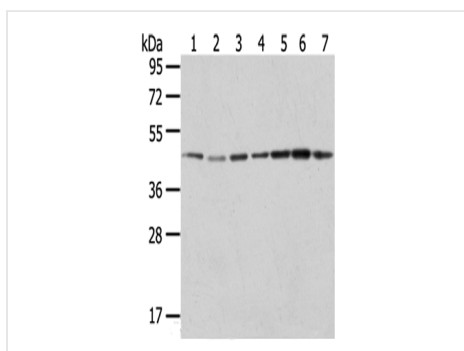
### PRODUCT SYNONYMS

ERP44; Polyclonal Antibody; ERP44 Polyclonal Antibody; PDIA10; TXNDC4; anti-ERP44 antibody

### PRODUCT SPECIFICATIONS

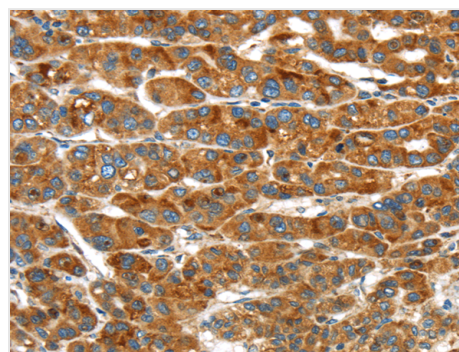
|                                                 |                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                     |
| Reactivity                                      | Human, Mouse                                                                               |
| Clonality                                       | Polyclonal                                                                                 |
| Isotype                                         | IgG                                                                                        |
| Purity/Purification                             | Antigen Affinity Purification                                                              |
| Concentration                                   | 1mg/ml (varies by lot)                                                                     |
| Sequence Length                                 | 393                                                                                        |
| Applicable Applications for anti-ERP44 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                       |
| Immunogen                                       | Synthetic peptide of human ERP44                                                           |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                           |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160886 / sc-160887 |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                           |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of Raji, A549, HeLa, HepG2, 231, K562 and A431 cells using ERP44 Polyclonal Antibody at dilution of 1/200



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ERP44 Polyclonal Antibody at dilution of 1/20

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ERP44 antibody | ERP44 is a 406 amino acid protein that contains one thioredoxin domain, a motif that participates in various redox reactions throughout the cell. Localized to the lumen of the endoplasmic reticulum (ER), TXNDC4 functions to inhibit the activity of IP3R-I (inositol 1, 4, 5-triphosphate receptor, type 1) within calcium channels. In addition, TXNDC4 is thought to regulate oxidative protein folding within the ER and may be involved in retaining proteins. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 958220310 |
| Molecular Weight        | 47 kDa    |
| NCBI Official Full Name | ERP44     |

**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/erp44-antibody-immunohistochemistry-western-blot-elisa/173291>