

## ERP29

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 29kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human ERP29

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

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

**Catalog #:** A7959

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 10961

**Isotype:** IgG

**Swiss Prot:** P30040

**Purity:** Affinity purification

For research use only.

**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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