

ERP44 Polyclonal Antibody

catalog number: E-AB-17493

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

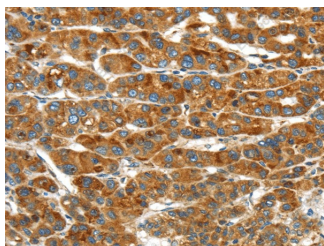
Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human ERP44
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

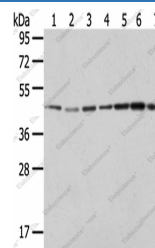
Recommended Dilution

WB	1:500-2000
IHC	1:25-100

Data



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



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

Calculated-MW: 47 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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.

For Research Use Only

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