

Rabbit anti-Human ERP44 Polyclonal Antibody | anti-ERP44 antibody

ERP44 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303040	Rabbit	Human	Immunohistochemistry, Western Blot

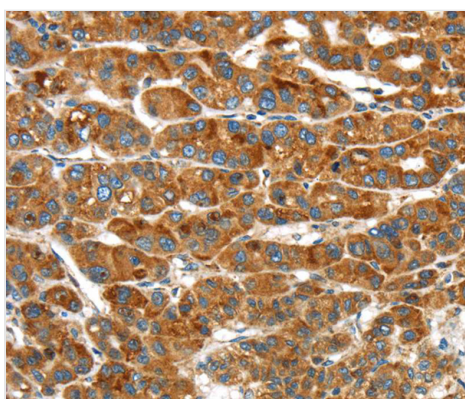
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

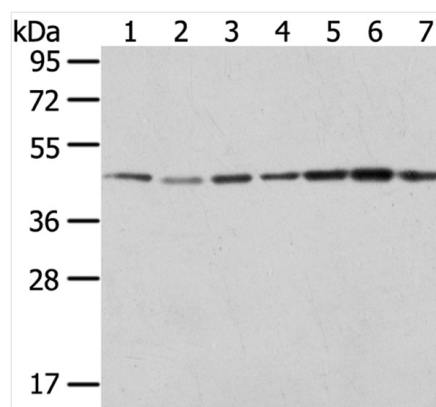
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ERP44 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-ERP44 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human endoplasmic reticulum protein 44
Target Name	ERP44
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Raji, A549, hela, hepg2, 231, K562 and A431 cellAmount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000Exposure time: 10 seconds

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.
Product Categories/Family for anti-ERP44 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	52487191
NCBI GeneID	23071
NCBI Accession #	NP_055866.1
NCBI GenBank Nucleotide #	NM_015051.2
UniProt Accession #	Q9BS26; O60319; Q4VXC1; Q5VWZ7; Q6UW14; Q8WX67
Molecular Weight	46,971 Da
NCBI Official Full Name	endoplasmic reticulum resident protein 44
NCBI Official Synonym Full Names	endoplasmic reticulum protein 44
NCBI Official Symbol	ERP44
NCBI Official Synonym Symbols	PDIA10; TXNDC4
NCBI Protein Information	endoplasmic reticulum resident protein 44
UniProt Protein Name	Endoplasmic reticulum resident protein 44
UniProt Gene Name	ERP44
UniProt Synonym Gene Names	KIAA0573; TXNDC4; ER protein 44; ERp44
UniProt Entry Name	ERP44_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.