

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

Anti-ERP44 Antibody, Rabbit Polyclonal

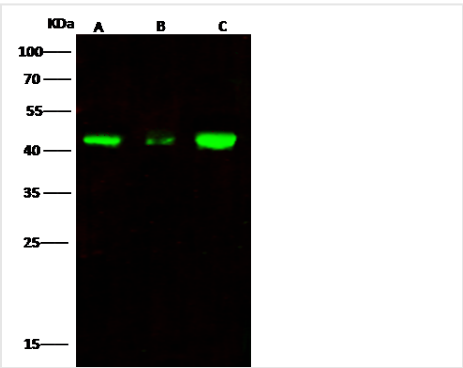
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255807	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

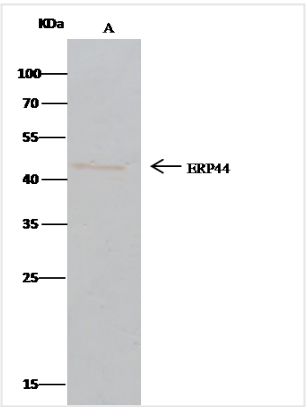
ERP44; Polyclonal Antibody; Anti-ERP44 Antibody; Rabbit Polyclonal; ERp44/TXNDC4 Antibody; Rabbit PAb; Antigen Affinity Purified; endoplasmic reticulum protein 44; Anti-PDIA10 Antibody; Anti-TXNDC4 Antibody; anti-ERP44 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ERp44/TXNDC4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ERP44 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ERp44/TXNDC4 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ERp44/TXNDC4 (rh ERp44/TXNDC4). ERp44/TXNDC4 specific IgG was purified by Human ERp44/TXNDC4 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-ERP44 rabbit polyclonal antibody at 1:500 dilutionLane A: Raji Whole Cell LysateLane B: NCI-H1299 Whole Cell LysateLane C: K562 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:47 kDaObserved band size:47 kDa



IP (Immunoprecipitation)
ERP44 was immunoprecipitated using:Lane A:0.5 mg Raji Whole Cell Lysate2 uL anti-ERP44 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-ERP44 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Clean-Blot IP Detection Reagent (HRP) at 1:500 dilutionDeveloped using the DAB staining technique.Performed under reducing conditions.Predicted band size: 47 kDaObserved band size: 47 kDa

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; ER protein 44; endoplasmic reticulum resident protein 44 kDa; protein disulfide isomerase family A, member 10; thioredoxin domain containing 4 (endoplasmic reticulum); thioredoxin domain-containing protein 4
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.