

Rabbit Endoplasmic Reticulum Protein 29 Polyclonal Antibody | anti-ERP29 antibody

Endoplasmic Reticulum Protein 29 (ERP29) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145157	Rabbit	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Endoplasmic Reticulum Protein 29; Polyclonal Antibody; Endoplasmic Reticulum Protein 29 (ERP29) Polyclonal Antibody; C12orf8; ERp28; ERp31; PDI-DB; PDIA9; Protein Disulfide Isomerase Family A; Member 9; anti-ERP29 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ERP29. It has been selected for its ability to recognize ERP29 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	261
Applicable Applications for anti-ERP29 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Rat
Organism Species	Rat
Fragment	ERP29 (Asp42~Ser173)
Quality Control	Content: The quality control contains recombinant ERP29 (Asp42~Ser173) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Kidney Tissue



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat ERP29 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758848
NCBI GeneID	117030
NCBI Accession #	NP_446413.1
NCBI GenBank Nucleotide #	NM_053961.2
UniProt Accession #	P52555; P80749; Q5BKC2
Molecular Weight	28,575 Da
NCBI Official Full Name	endoplasmic reticulum resident protein 29
NCBI Official Synonym Full Names	endoplasmic reticulum protein 29
NCBI Official Symbol	Erp29
NCBI Protein Information	endoplasmic reticulum resident protein 29
UniProt Protein Name	Endoplasmic reticulum resident protein 29
UniProt Gene Name	Erp29
UniProt Synonym Gene Names	ERp29; ERp31

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.