

Rabbit anti-Human ERP29 Polyclonal Antibody | anti-ERP29 antibody

ERP29 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283879	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ERP29; Polyclonal Antibody; ERP29 Antibody (Center); Endoplasmic reticulum resident protein 29; ERp29; Endoplasmic reticulum resident protein 28; ERp28; Endoplasmic reticulum resident protein 31; ERp31; C12orf8; ERP28; anti-ERP29 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ERP29 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-179 amino acids from the Central region of human ERP29.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	151-179
Sequence Length	53
Applicable Applications for anti-ERP29 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ERP29 Antibody (Center) flow cytometric analysis of NCI-H292 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

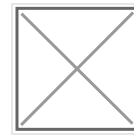


IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ERP29 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of ERP29 (arrow) using rabbit polyclonal ERP29 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ERP29 gene (Lane 2).

**WB (Western Blot)**

Western blot analysis of ERP29 Antibody (Center) in A2058,A375,MCF7,NCI-H460,Y79 cell line lysates (35ug/lane). ERP29 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ERP29 antibody	ERP29 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.
Product Categories/Family for anti-ERP29 antibody	Signal Transduction
References	Bambang,I.F., et.al., Exp. Cell Res. 315 (11), 1964-1974 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	77628151
NCBI GeneID	10961
NCBI Accession #	NP_001029197.1 ; NP_006808.1
NCBI GenBank Nucleotide #	NM_001034025.1
UniProt Accession #	P30040 ; Q3MJC3 ; Q6FHT4 ; C9J183
Molecular Weight	28993
NCBI Official Full Name	endoplasmic reticulum resident protein 29 isoform 2
NCBI Official Synonym Full Names	endoplasmic reticulum protein 29
NCBI Official Symbol	ERP29
NCBI Official Synonym Symbols	ERp28; ERp31; PDIA9; PDI-DB; C12orf8; HEL-S-107
NCBI Protein Information	endoplasmic reticulum resident protein 29
UniProt Protein Name	Endoplasmic reticulum resident protein 29
UniProt Gene Name	ERP29
UniProt Synonym Gene Names	C12orf8; ERP28; ERp29; ERp28; ERp31
UniProt Entry Name	ERP29_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/erp29-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/283879>