

Rabbit anti-Human ERp29 Monoclonal Antibody | anti-ERP29 antibody

ERp29 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28530	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ERp29; Monoclonal Antibody; ERp29 Rabbit mAb; ERp28; ERp31; PDIA9; PDI-DB; C12orf8; HEL-S-107; anti-ERP29 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAAAVPRAAF LSPLLPLLLG FLLLSAPHGG SGLHTKGALP LDTVTFYKVI PKSKFVLVKF DTQYPYGEKQ DEFKRLAENS ASSD DLLVAE VGISDYGD KL NM
Applicable Applications for anti-ERP29 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:2000 IHC-P: 1:500-1:1000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-102 of human ERp29 (P30040).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using ERp29 Rabbit mAb (AAA28530) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using ERp29 Rabbit mAb (AAA28530) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



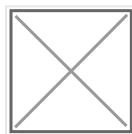
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using ERp29 Rabbit mAb (AAA28530) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



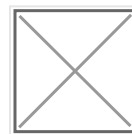
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using ERp29 Rabbit mAb (AAA28530) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using ERp29 Rabbit mAb (AAA28530) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using ERp29 Rabbit mAb (AAA28530) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-ERP29 antibody	This gene encodes a protein which localizes to the lumen of the endoplasmic reticulum (ER). It is a member of the protein disulfide isomerase (PDI) protein family but lacks an active thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase. The canonical protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ERP29 antibody	Signal Transduction ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	77628151
NCBI GeneID	10961
NCBI Accession #	NP_001029197.1
NCBI GenBank Nucleotide #	NM_001034025.1
UniProt Accession #	P30040 ; Q3MJC3 ; Q6FHT4 ; C9J183
Molecular Weight	Calculated MW: 29kDa Observed MW: 30kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/erp29-antibody-western-blot-immunohistochemistry-elisa/28530>