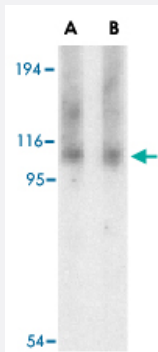


ERN1 polyclonal antibody

Catalog # PAB13426 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ERN1 in Raji cell lysate with ERN1 polyclonal antibody (Cat # PAB13426) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ERN1.
Immunogen	A synthetic peptide corresponding to internal region 15 amino acids of human ERN1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of ERN1 in Raji cell lysate with ERN1 polyclonal antibody (Cat # PAB13426) at (A) 1 and (B) 2 ug/mL .

Gene Info — ERN1

Entrez GeneID	2081
Protein Accession#	O75460
Gene Name	ERN1
Gene Alias	FLJ30999, IRE1, IRE1P, MGC163277, MGC163279
Gene Description	endoplasmic reticulum to nucleus signaling 1
Omim ID	604033
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals. [provided by RefSeq]
Other Designations	ER to nucleus signalling 1 endoplasmic reticulum to nucleus signalling 1 inositol-requiring 1 protein kinase/endoribonuclease

Publication Reference

- [The ER chaperone and signaling regulator GRP78/BiP as a monitor of endoplasmic reticulum stress.](#)

Lee AS.

Methods 2005 Apr; 35(4):373.

- [Dynamic interaction of BiP and ER stress transducers in the unfolded-protein response.](#)

Bertolotti A, Zhang Y, Hendershot LM, Harding HP, Ron D.

Nature Cell Biology 2000 Jun; 2(6):326.

Application: WB-Ce, Mouse, AR42J cells, Gastric mucosa

- [The glucose-regulated proteins \(GRP78 and GRP94\): functions, gene regulation, and applications.](#)

Little E, Ramakrishnan M, Roy B, Gazit G, Lee AS.

Crit Rev Eukaryot Gene Expr 1994 Jan; 4(1):1.

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