

anti-Human, Mouse ERN2 Antibody | anti-ERN2 antibody

ERN2 Antibody

CATALOG # AAA110567	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

ERN2; ERN2 Antibody; Inositol-requiring protein 2; hIRE2p; IRE1b; Ire1-beta; Endoplasmic reticulum-to-nucleus signaling 2; anti-ERN2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	ERN2 antibody detects endogenous levels of total ERN2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	874
Applicable Applications for anti-ERN2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human ERN2.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ERN2 antibody. Immunofluorescence analysis of MCF-7 cells, using ERN2 antibody.



Application Data

Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERN2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Iwawaki T., Nat. Cell Biol. 3:158-164(2001). Ota T., Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	816197601
NCBI GeneID	10595
NCBI Accession #	NP_001295149.2
NCBI GenBank Nucleotide #	NM_001308220.1

UniProt Accession #	Q76MJ5; Q6ZNC0
Molecular Weight	102,480 Da
NCBI Official Full Name	serine/threonine-protein kinase/endoribonuclease IRE2 isoform b
NCBI Official Synonym Full Names	endoplasmic reticulum to nucleus signaling 2
NCBI Official Symbol	ERN2
NCBI Official Synonym Symbols	IRE1b; IRE2p; hIRE2p; IRE1-BETA
NCBI Protein Information	serine/threonine-protein kinase/endoribonuclease IRE2
UniProt Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE2
UniProt Gene Name	ERN2
UniProt Synonym Gene Names	hIRE2p; IRE1b

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/human-mouse-antibody/ern2/110567>