Rabbit anti-Human ERN2 Polyclonal Antibody | anti-ERN2 antibody

ERN2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168046	**Rabbit**	**Human**	**Immunohistochemistry**

PRODUCT SYNONYMS

ERN2; Polyclonal Antibody; ERN2 Polyclonal Antibody; IRE1b; IRE1-BETA; anti-ERN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Phosphate buffered solution, pH 7.4, containing 0.05% stabilzer and 50% glycerol
Sequence Length	926
Applicable Applications for anti-ERN2 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ERN2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ERN2 Polyclonal Antibody at dilution 1:40

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ERN2 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-ERN2 antibody	The accumulation of unfolded proteins within the endoplasmic recticulum (ER) of yeast and mammalian cells activates the unfolded protein response (UPR) pathway and leads to the transcription of ER-specific genes involved in protein folding. The activation of the UPR requires the ER transmembrane kinase IRE1p (for inositol-requiring and ER-to-nucleus signaling protein). IRE1alpha and IRE1beta are two mammalian homologs of the yeast IRE1p. These related proteins localize to the ER lumen and contain both a short transmembrane domain that spans the ER membrane and a cytosolic Ser/Thr kinase domain. IRE1 activation involves the oligomerization and trans-phosphorylation of the cytosolic portion of the proteins, which then potentiates its intrinsic kinase activity and, in turn, stimulates transcription of UPR-targeted genes.
Product Categories/Family for anti-ERN2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	148342546
NCBI GeneID	10595
NCBI Official Full Name	ERN2 protein
NCBI Official Synonym Full Names	endoplasmic reticulum to nucleus signaling 2
NCBI Official Symbol	ERN2
NCBI Official Synonym Symbols	IRE1b; IRE1-BETA
NCBI Protein Information	serine/threonine-protein kinase/endoribonuclease IRE2; ER to nucleus signalling 2; ERN2; IRE1 beta; IRE1, S. cerevisiae, homolog of; endoplasmic reticulum to nucleus signalling 2; endoplasmic reticulum-to-nucleus signaling 2; hIRE2p; inositol-requiring 1 beta; inositol-requiring protein 2
UniProt Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE2
UniProt Gene Name	**ERN2**
UniProt Synonym Gene Names	hIRE2p; IRE1b
UniProt Entry Name	ERN2_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/polyclonal/ern2-antibody-immunohistochemistry-elisa/168046