

## Product datasheet for **TA305857**

### IRE1 (ERN1) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.03-0.1 ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-PNAHGKIKAMISD, from the internal region of the protein sequence according to NP_001424.3.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	endoplasmic reticulum to nucleus signaling 1
Database Link:	<a href="#">NP_001424</a> <a href="#">Entrez Gene 78943 MouseEntrez Gene 498013 RatEntrez Gene 610766 DogEntrez Gene 2081 Human O75460</a>
Background:	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]
Synonyms:	hIRE1p; IRE1; IRE1a; IRE1P



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Protein Families: Protein Kinase, Transmembrane

Protein Pathways: Alzheimer's disease

### Product images:



TA305857 (0.03ug/ml) staining of Human Pancreas lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.