

Goat anti-ERN2 / IRE1b Antibody

Item Number dAP-1421

Target Molecule Principle Name: ERN2 / IRE1b; Official Symbol: ERN2; All Names and Symbols: ERN2; endoplasmic reticulum to nucleus signalling 2 ; IRE1b; ER to nucleus signalling 2; IRE1 beta; IRE1, S. cerevisiae, homolog of; endoplasmic reticulum to nucleus signalling 2; inositol-requiring 1 beta; Accession Number (s): NP_150296.3; Human Gene ID(s): 10595; Non-Human GenelD(s):

Immunogen QKRLQSPSKQAQPLD, is from internal region

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 4000.

Western Blot Western Blot: Preliminary experiments gave an approx 37kDa band in Human Duodenum, Pancreas and Placenta lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given th

IHC

Reference Reference(s): Brewer JW, Diehl JA. PERK mediates cell-cycle exit during the mammalian unfolded protein response. *Proc Natl Acad Sci U S A*. 2000 Nov 7;97(23):12625-30..PMID: 11035797 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**