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Datasheet for ABIN263218

anti-ERN2 antibody (Internal Region)

Overview

Quantity:	100 μg
Target:	ERN2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ERN2 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ERN2 / IRE1b
Immunogen:	Peptide with sequence C-QKRLQSPSKQAQPLD, from the internal region of the protein sequence according to NP_150296.3.
Sequence:	QKRLQSPSKQ AQPLD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

rarget Details	
Target:	ERN2
Alternative Name:	ERN2 (ERN2 Products)
Background:	ERN2, endoplasmic reticulum to nucleus signaling 2, IRE1b, ER to nucleus signalling 2, IRE1 beta, IRE1, S. cerevisiae, homolog of, endoplasmic reticulum to nucleus signalling 2, inositol-requiring 1 beta
Gene ID:	10595
NCBI Accession:	NP_150296
Application Details	
Application Notes:	Western Blot: Preliminary experiments gave an approx 37 kDa band in Human Duodenum, Pancreas and Placenta lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given th Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.