

Datasheet for ABIN263212

anti-ERP44 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ERP44
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ERP44 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TXNDC4
Immunogen:	C-EQKDSDNRYRVFER
Sequence:	EQKDSDNRYV FER
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ERP44
Alternative Name:	TXNDC4 (ERP44 Products)
Background:	TXNDC4 , thioredoxin domain containing 4 (endoplasmic reticulum) , ERP44, KIAA0573, OTTHUMP00000063799, endoplasmic reticulum resident protein 44 kDa
Gene ID:	23071, 76299, 298066
NCBI Accession:	NP_055866
Pathways:	Cell RedoxHomeostasis , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 47 kDa band observed in lysates of cell line K562 (calculated MW of 47.0 kDa according to NP_055866.1). Recommended concentration: 0.2-0.6 µg/mL. An additional band of unknown identity was also consistently observed at 22 kDa. This band Peptide ELISA: antibody detection limit dilution 1:32000.
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.



Western Blotting

Image 1. ABIN263212 (0.2µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.