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Datasheet for ABIN7162472

anti-PAN2 antibody (AA 628-908) (Biotin)

Overview

Quantity:	100 µg
Target:	PAN2
Binding Specificity:	AA 628-908
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAN2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human PAB-dependent poly(A)-specific ribonuclease subunit PAN2 protein (628-908AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PAN2
Alternative Name:	PAN2 (PAN2 Products)
Background:	Background: Catalytic subunit of the poly(A)-nuclease (PAN) deadenylation complex, one of two

Target Details

cytoplasmic mRNA deadenylases involved in general and miRNA-mediated mRNA turnover. PAN specifically shortens poly(A) tails of RNA when the poly(A) stretch is bound by poly(A)-binding protein (PABP), which is followed by rapid degradation of the shortened mRNA tails by the CCR4-NOT complex. Deadenylated mRNAs are then degraded by two alternative mechanisms, namely exosome-mediated 3'→5' exonucleolytic degradation, or deadenylation-dependent mRNA decapping and subsequent 5'→3' exonucleolytic degradation by XRN1.

Aliases: hPan2 antibody, Inactive ubiquitin carboxyl terminal hydrolase 52 antibody, Inactive ubiquitin carboxyl-terminal hydrolase 52 antibody, KIAA0710 antibody, PAB dependent poly(A) specific ribonuclease subunit 2 antibody, PAB-dependent poly(A)-specific ribonuclease subunit 2 antibody, PABP dependent poly(A) nuclease 2 antibody, PAN 2 antibody, PAN2 antibody, PAN2 homolog PABP1 dependent poly A specific ribonuclease subunit antibody, PAN2 poly(A) specific ribonuclease subunit homolog antibody, PAN2 polyA specific ribonuclease subunit homolog antibody, PAN2_HUMAN antibody, Ubiquitin specific peptidase 52 antibody, Ubiquitin specific protease 52 antibody, USP 52 antibody, USP52 antibody

UniProt: [Q504Q3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.