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## Datasheet for ABIN7117214 **anti-PAN2 antibody**

### Overview

Quantity:	100 µg
Target:	PAN2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAN2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	PAN2 poly(A) specific ribonuclease subunit homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PAN2
Alternative Name:	PAN2 ( <a href="#">PAN2 Products</a> )
Background:	Synonyms:KIAA0710, USP52 Background:Catalytic subunit of the poly(A)-nuclease(PAN) deadenylation complex, one of two 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

## Target Details

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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.

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Molecular Weight: 127 kDa

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Gene ID: 9924

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UniProt: [Q504Q3](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months