

PAN2 antibody

Product Information

Catalog No :	FNab06131
Catalog No	114000151
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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 deadenlyation-dependent mRNA decaping and subsequent 5'-3' exonucleolytic degradation by XRN1.

Immunogen information

Immunogen:	PAN2 poly(A) specific ribonuclease subunit homolog
Synonyms:	PAN2-PAN3 deadenylation complex catalytic subunit PAN2 Inactive ubiquitin carboxyl-terminal hydrolase 52 PAB1P-dependent poly(A)- specific ribonuclease Poly(A)-nuclease deadenylation complex subunit 2 (PAN deadenylation complex subunit 2) PAN2 KIAA0710 USP52
Observed MW:	127 kDa
Uniprot ID :	Q504Q3
Application	

Reactivity: Human, Mouse, Rat



Tested Application: ELISA, WB, IHC Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200 Image:





Immunohistochemistry of paraffin-embedded human heart using FNab06131(PAN2 antibody) at dilution of 1:50

NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab06131(PAN2 antibody) at dilution of 1:300