



Rabbit Anti-USP52/Pan2 antibody

SL21012R

Product Name:	USP52/Pan2
Chinese Name:	Ubiquitin特异性蛋白酶52抗体
Alias:	hPan2; Inactive ubiquitin carboxyl terminal hydrolase 52; Inactive ubiquitin carboxyl-terminal hydrolase 52; KIAA0710; PAB dependent poly(A) specific ribonuclease subunit 2; PAB-dependent poly(A)-specific ribonuclease subunit 2; PABP dependent poly(A) nuclease 2; PAN 2; PAN2; PAN2 homolog PABP1 dependent poly A specific ribonuclease subunit; PAN2 poly(A) specific ribonuclease subunit homolog; PAN2 polyA specific ribonuclease subunit homolog; PAN2_HUMAN; Ubiquitin specific peptidase 52; Ubiquitin specific protease 52; USP 52; USP52.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	135kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human USP52/Pan2:641-740/1202
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a deadenylase that functions as the catalytic subunit of the

polyadenylate binding protein dependent poly(A) nuclease complex. The encoded protein is a magnesium dependent 3' to 5' exoribonuclease that is involved in the degradation of cytoplasmic mRNAs. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Function:

Functions in cytoplasmic mRNA decay. As part of the Pan nuclease complex, shortens poly(A) tails of RNA when the poly(A) stretch is bound by polyadenylate-binding protein.

Subcellular Location:

Cytoplasm. Nucleus. Shuttles between nucleus and cytoplasm.

Similarity:

Belongs to the peptidase C19 family.

PAN2 subfamily.

Contains 1 exonuclease domain.

SWISS:

Q504Q3

Gene ID:

9924

Database links:

[Entrez Gene: 9924](#) Human

[Entrez Gene: 103135](#) Mouse

[Entrez Gene: 408200](#) Rat

[SwissProt: Q504Q3](#) Human

[SwissProt: Q8BGF7](#) Mouse

[SwissProt: Q6IE70](#) Rat

[Unigene: 273397](#) Human

[Unigene: 244183](#) Mouse

[Unigene: 9091](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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