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DRIM Rabbit pAb

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Catalog # AP55570

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O75691
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	318385
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DRIM
Epitope Specificity	1901-2100/2785
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus; nucleolus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	UTP20 is a component of the U3 small nucleolar RNA (snoRNA) (SNORD3A; MIM 180710) protein complex (U3 snoRNP) and is involved in 18S rRNA processing (Wang et al., 2007 [PubMed 17498821]).[supplied by OMIM, Jun 2009]

Additional Information

Gene ID	27340
Other Names	Small subunit processome component 20 homolog, Down-regulated in metastasis protein, Novel nucleolar protein 73, NNP73, Protein Key-1A6, UTP20 (HGNC:17897), DRIM
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	UTP20 (HGNC:17897)

Synonyms	DRIM
Function	Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre- rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre- ribosomal RNA by the RNA exosome. Involved in 18S pre-rRNA processing. Associates with U3 snoRNA.
Cellular Location	Nucleus, nucleolus. Note=Colocalizes with NCL in the nucleolus
Tissue Location	Expressed in appendix, brain, colon, fetal liver, heart, ovary, pancreas, placenta, prostate, skeletal muscle, small intestine, spleen, testis and thymus.

Background

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