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Mphosph10 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11774

Product Information

Application	WB
Primary Accession	Q810V0
Other Accession	NM_026483, NP_080759
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78735

Additional Information

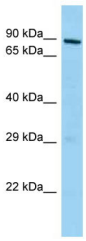
Gene ID	67973
Alias Symbol	2810453H10Rik, 5730405D16Rik, AI326008
Other Names	U3 small nucleolar ribonucleoprotein protein MPP10, M phase phosphoprotein 10, Mphosph10
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Mphosph10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Mphosph10 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Mphosph10
Function	Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing. 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.

Cellular Location	Nucleus, nucleolus {ECO:0000250|UniProtKB:O00566}. Chromosome {ECO:0000250|UniProtKB:O00566}. Note=Fibrillar region of the nucleolus After dissolution of the nucleolus in early M phase becomes associated with chromosomes through metaphase and anaphase. In telophase localized to small cellular prenucleolar bodies that not always contain fibrillarin. The reassociation with nucleolus is preceeded by the arrival of fibrillarin. {ECO:0000250|UniProtKB:O00566}

Images



WB Suggested Anti-Mphosph10 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus