

# Mphosph10 antibody - C-terminal region

Rabbit Polyclonal Antibody  
Catalog # AI11774

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q810V0</a>
<b>Other Accession</b>	<a href="#">NM_026483</a> , <a href="#">NP_080759</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	78735

## Additional Information

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<b>Gene ID</b>	67973
<b>Alias Symbol</b>	2810453H10Rik, 5730405D16Rik, AI326008
<b>Other Names</b>	U3 small nucleolar ribonucleoprotein protein MPP10, M phase phosphoprotein 10, Mphosph10
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	Mphosph10 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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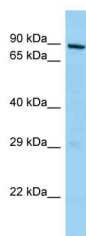
<b>Name</b>	Mphosph10
<b>Function</b>	Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing. Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly 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 preceded by the arrival of fibrillarin. {ECO:0000250|UniProtKB:O00566}

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.