

Store at -20C  
#5600**hnRNP A0 (D26A2) Rabbit mAb**

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<b>Applications:</b> W, IP	<b>Reactivity:</b> H M R	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 32, 34	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q13151	<b>Entrez-Gene Id:</b> 10949
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<b>Product Usage Information</b>	<b>Application</b> Western Blotting Immunoprecipitation	<b>Dilution</b> 1:1000 1:50
<b>Storage</b>	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.	
<b>Specificity/Sensitivity</b>	hnRNP A0 (D26A2) Rabbit mAb recognizes endogenous levels of total hnRNP A0 protein. This antibody does not cross-react with other hnRNP family members.	
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Ala152 of human hnRNP A0 protein.	
<b>Background</b>	Heterogeneous nuclear ribonucleoprotein A0 (hnRNP A0) is a member of the hnRNP A/B family of related RNA binding proteins that bind pre-mRNA and are involved in the processing, metabolism, and transport of nuclear pre-mRNA transcripts (1). The A/B subfamily of hnRNP includes A1, A2/B1, A3, and A0. hnRNP A0 is phosphorylated at Ser84 by MAPKAPK-2 in response to LPS treatment in mouse macrophage cells, which might play a key role in stimulating translation of the TNF-α message (2).	
<b>Background References</b>	<ol style="list-style-type: none"> <li>1. Myer, V.E. and Steitz, J.A. (1995) <i>RNA</i> 1, 171-82.</li> <li>2. Rousseau, S. et al. (2002) <i>EMBO J</i> 21, 6505-14.</li> </ol>	

<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
<b>Western Blot Buffer</b>	<b>IMPORTANT:</b> For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween@ 20 at 4°C with gentle shaking, overnight.
<b>Applications Key</b>	<b>W:</b> Western Blotting <b>IP:</b> Immunoprecipitation
<b>Cross-Reactivity Key</b>	<b>H:</b> Human <b>M:</b> Mouse <b>R:</b> Rat
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