

# Product Datasheet

## Pappalysin-1/PAPP-A Antibody (7A6) - BSA Free NB100-73060

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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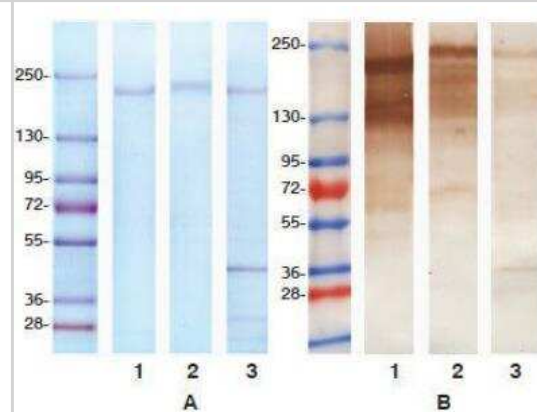
**NB100-73060**

Pappalysin-1/PAPP-A Antibody (7A6) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7A6
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Pappalysin-1/PAPP-A Antibody (7A6) - BSA Free (NB100-73060) is a monoclonal antibody validated for use in ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5069
<b>Gene Symbol</b>	PAPPA
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Human PAPP-A antigen purified from placental blood (heterotetrameric complex, consisting of PAPP-A subunits and pro-MBP subunits).
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified human PAPP-A/proMBP (heterotetrameric PAPP-A, htPAPP-A) complex.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunoprecipitation, Sandwich ELISA
<b>Recommended Dilutions</b>	ELISA, Immunoprecipitation, Sandwich ELISA
<b>Application Notes</b>	htPAPP-A and dPAPP-A (PAPP-A dimer) immunoassays and immunoprecipitation. Recommended pairs for detection of human htPAPP-A antigen (capture - detection): NB110-8423 - NB100-73060. Recommended pairs for detection of total PAPP-A (htPAPP-A and/or dPAPP-A) (capture -detection): NB120-8346 - NB100-73060.

## Images

Western Blot: Pappalysin-1/PAPP-A Antibody (7A6) [NB100-73060] - A - SDS-PAGE analysis in reducing conditions of human recombinant dPAPP-A and tissue (purified from atherosclerotic plaques) dPAPP-A. Lane 1: human htPAPP-A Lane 2: recombinant dPAPP-A Lane 3: tissue dPAPP-A Gel staining: Coomassie brilliant blue R-250 Comments: proMBP subunit released from htPAPP-A upon reduction is not stained by Coomassie brilliant blue because of high degree of glycosylation. B - Western blotting analysis of PAPP-A purified from atherosclerotic tissue. For immunostaining mixture of anti-PAPP-A MAbs 18A10 (Cat # NB100-73059), 7A6(Cat # NB100-73060) and 3C8 (Cat # NB200-403) Lanes are noted as in Fig.4A





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### **Products Related to NB100-73060**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-90087PEP	Pappalysin-1/PAPP-A Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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