

Product Datasheet

Pappalysin-1/PAPP-A Antibody (4G11) NB200-401

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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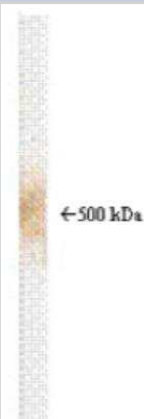
NB200-401**Pappalysin-1/PAPP-A Antibody (4G11)**

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	4G11
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	5069
Gene Symbol	PAPPA
Species	Human
Reactivity Notes	Cross-reacts with Human.
Specificity/Sensitivity	PAPPA (4G11)
Immunogen	Human PAPP-A antigen purified from placental blood (heterotetrameric complex, consisting of PAPP-A subunits and pro-MBP subunits).
Product Application Details	
Applications	Western Blot, Immunoassay, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, Immunoprecipitation 1:10-1:500, Immunoassay, Sandwich ELISA 1:100-1:2000
Application Notes	Recommended pairs for the detection of dPAPP-A antigen in blood of AMI patients and patients with unstable angina (capture - detection): NB200-401 - NB200-403 , NB200-401 - NB200-404

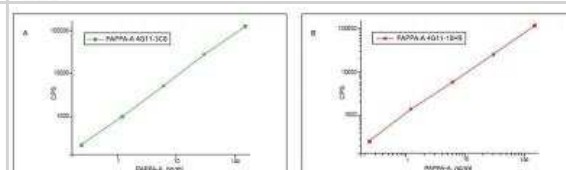


Images

Western Blot: PAPP A Antibody (4G11) [NB200-401] - Detection of htPAPP-A in Native human PAPP-A (PAPP-A/proMBP complex).



Sandwich ELISA: PAPP A Antibody (4G11) [NB200-401] - Calibration curves for two PAPP- A sandwich immunoassays. (A) 4G11 3C8 and (B) 4G11 10H9. Capture MAb: 4G11 (biotinylated) Detection MAbs: 3C8 or 10H9 (labeled with stable Eu3+ -chelate) Antigen: htPAPP-A



Publications

Pan H, Hanada S, Zhao J et al. Protein secretion is required for pregnancy-associated plasma protein-a to promote lung cancer growth in vivo PLoS One 2012-01-01 [PMID: 23152806] (WB, Human)

Procedures

Western Blot protocol specific for PAPP A Antibody (NB200-401)

Western Blot protocol specific for PAPP A Antibody (NB200-401): https://www.novusbio.com/products/pappalysin-1-papp-a-antibody-4g11_nb200-401

- 1) Load Native human htPAPP-A (PAPP-A/proMBP complex) onto gradient 3,5 ? 7,5 % gel for SDS-PAGE.
- 2) Electrotransfer 60 min at 110 V,
- 3) Blocking 5% milk/PBST 1 hour at RT
- 4) NB200-401 10 ug/ml in PBST, incubation 1 hour at RT,
- 5) Secondary antibody rabbit anti-mouse IgG-HRP-linked 1:1000 in 5% milk/PBST, incubation 1 hour at RT.
- 6) Diaminobenzidine as a substrate





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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