

# Product Datasheet

## Sodium Potassium ATPase Alpha 1 Antibody (464.6) [HRP] NBP2-61137H

Unit Size: 0.1 ml

Store at 4C in the dark.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-61137H**

Sodium Potassium ATPase Alpha 1 Antibody (464.6) [HRP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	464.6
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	HRP
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	476
Gene Symbol	ATP1A1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Drosophila, Guinea Pig, Primate, Rabbit, Sheep, Xenopus, Yeast
Specificity/Sensitivity	This is specific for Na,K-ATPase alpha 1 subunit.
Immunogen	Purified Sodium Potassium ATPase Alpha 1 from rabbit renal outer medulla. [UniProt# Q9N0Z6]

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Christian Staehr, Palle Duun Rohde, Nikolaj Thure Krarup, Steffen Ringgaard, Christoffer Laustsen, Jacob Johnsen, Rikke Nielsen, Hans Christian Beck, Jens Preben Morth, Karin Lykke-Hartmann, Nichlas Riise Jespersen, Denis Abramochkin, Mette Nyegaard, Hans Erik Bøtker, Christian Aalkjaer, Vladimir Matchkov Migraine-Associated Mutation in the Na,K-ATPase Leads to Disturbances in Cardiac Metabolism and Reduced Cardiac Function Journal of the American Heart Association: Cardiovascular and Cerebrovascular Disease 2022-03-15 [PMID: 35289188]

Kravtsova VV, Paramonova II, Vilchinskaya NA et al. Chronic Ouabain Prevents Na,K-ATPase Dysfunction and Targets AMPK and IL-6 in Disused Rat Soleus Muscle Int J Mol Sci 2021-04-30 [PMID: 33920198] (WB, Rat)

Details:

Citation using the HRP format of this antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-61137H**

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NBP1-43319H-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [HRP]
NBL1-07807	Sodium Potassium ATPase Alpha 1 Overexpression Lysate
NB300-540	Sodium Potassium ATPase Alpha 3 Antibody (XVIF9-G10) - BSA Free
NB300-731	GR/NR3C1 Antibody (BuGR2) - BSA Free

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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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