

# Product Datasheet

## **APIP Antibody (19F461) - Azide Free NBP2-33231**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-33231**

APIP Antibody (19F461) - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	19F461
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS - BSA free

**Product Description**

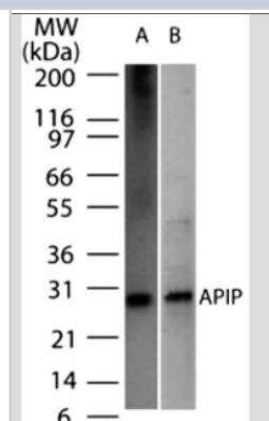
<b>Host</b>	Mouse
<b>Gene ID</b>	51074
<b>Gene Symbol</b>	APIP
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (94%), Bovine (91%)
<b>Specificity/Sensitivity</b>	This monoclonal antibody can be used for detection of APIP and APIP2.
<b>Immunogen</b>	The antibody was developed against a full-length His-tagged recombinant APIP.

**Product Application Details**

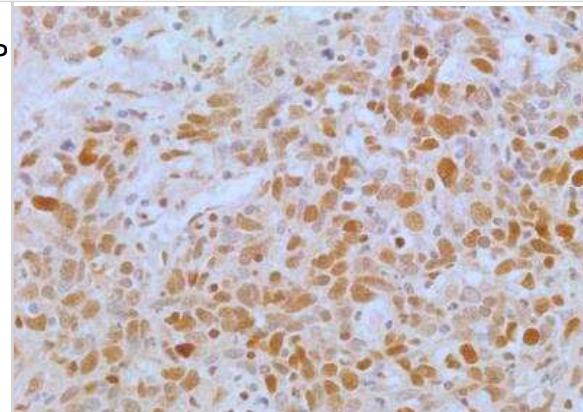
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

**Images**

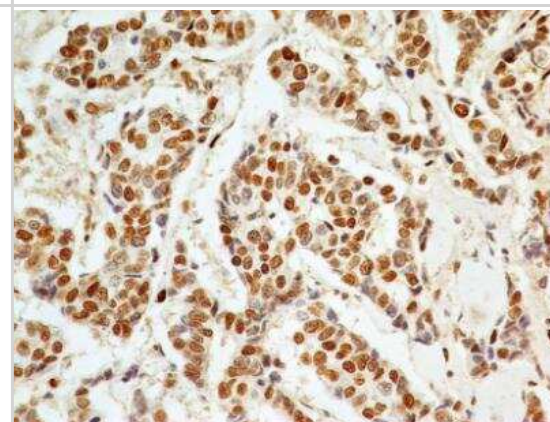
Western Blot: APIP Antibody (19F461) - Azide Free [NBP2-33231] - analysis of APIP2 in (A) recombinant protein and (B) HeLa cell lysate using APIP antibody at 2 ug/ml.



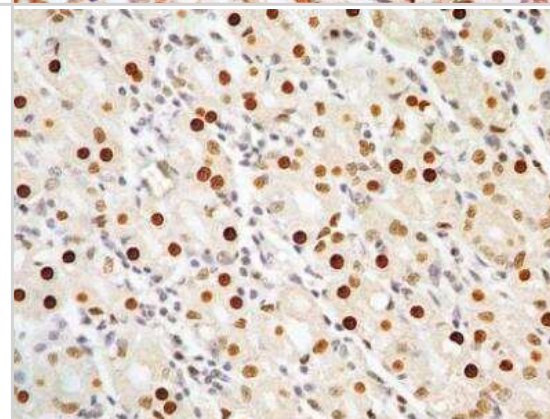
Immunohistochemistry-Paraffin: AIP Antibody (19F461) - Azide Free [NBP2-33231] - Analysis of human lung cancer tissue section using AIP antibody (clone 19F461) at a concentration of 5 ug/ml. The representative image shows a nuclear and cytoplasmic staining pattern of AIP expression in lung cancer cells.



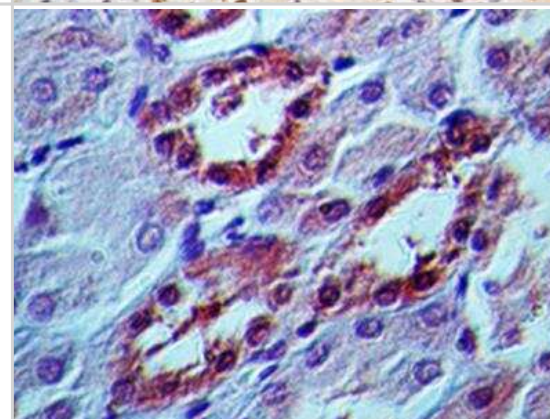
Immunohistochemistry-Paraffin: AIP Antibody (19F461) - Azide Free [NBP2-33231] - Formalin-fixed, paraffin-embedded adenocarcinoma of the breast stained with AIP antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



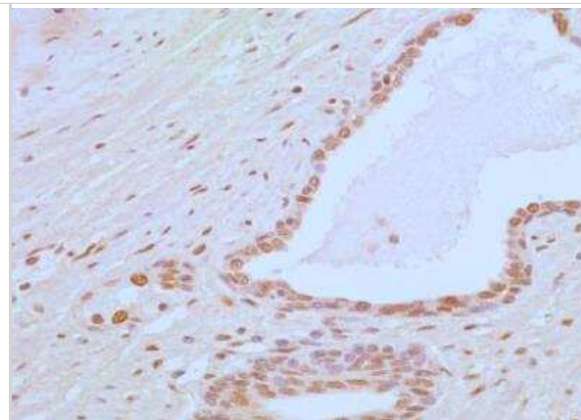
Immunohistochemistry-Paraffin: AIP Antibody (19F461) - Azide Free [NBP2-33231] - Formalin-fixed, paraffin-embedded human stomach stained with AIP antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



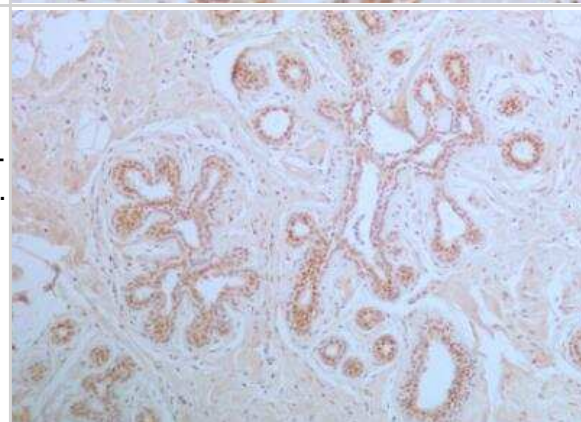
Immunohistochemistry-Paraffin: AIP Antibody (19F461) - Azide Free [NBP2-33231] - Analysis of formalin-fixed paraffin-embedded human kidney tissue using AIP antibody at 5 ug/ml concentration.



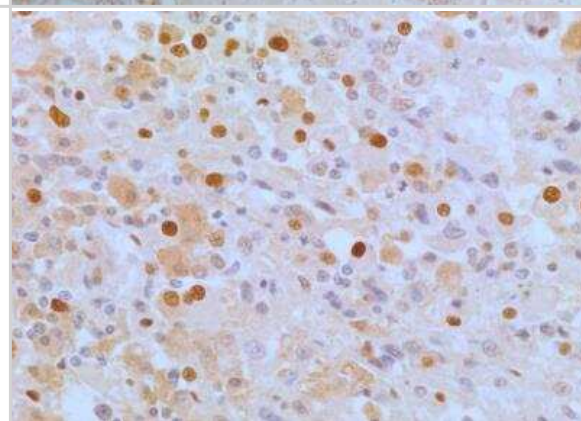
Immunohistochemistry-Paraffin: APIP Antibody (19F461) - Azide Free [NBP2-33231] - Analysis of APIP in a section of normal prostate from human using 5 ug/ml concentration of APIP antibody (clone 19F461). The tubuloalveolar glands in prostate section depicted APIP positivity in the cytoplasm and nuclei of the epithelial cells. The fibro-muscular stroma showed an overall weak staining with intense nuclear positivity in some cell



Immunohistochemistry-Paraffin: APIP Antibody (19F461) - Azide Free [NBP2-33231] - Detection of APIP in a section of normal human breast tissue using APIP antibody (clone 19F461) at a concentration of 5 ug/ml. The breast's ductal/acinar epithelial cells showed strong cytoplasmic as well as nuclear expression, whereas the myoepithelial cells and the intra-lobular connective tissue depicted very weak to negligible APIP positivity.



Immunohistochemistry-Paraffin: APIP Antibody (19F461) - Azide Free [NBP2-33231] - Analysis of human renal cancer tissue section using APIP antibody (clone 19F461) at a concentration of 5 ug/ml. The representative image shows a nuclear and cytoplasmic staining pattern of APIP expression in cancer cells.







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### **Products Related to NBP2-33231**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-98917-100ug	Recombinant Human APIP His Protein

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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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