

Product Datasheet

APIP Antibody (19F461) NB100-56567

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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NB100-56567

APIP Antibody (19F461)

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	19F461
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS containing 0.05% BSA

Product Description

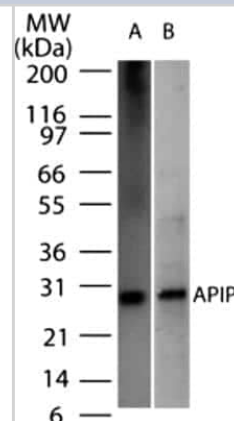
Host	Mouse
Gene ID	51074
Gene Symbol	APIP
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (91%) Use in Mouse reported in scientific literature (PMID:31263105).
Specificity/Sensitivity	This monoclonal antibody can be used for detection of APIP and APIP2.
Immunogen	The antibody was developed against a full-length His-tagged recombinant APIP.

Product Application Details

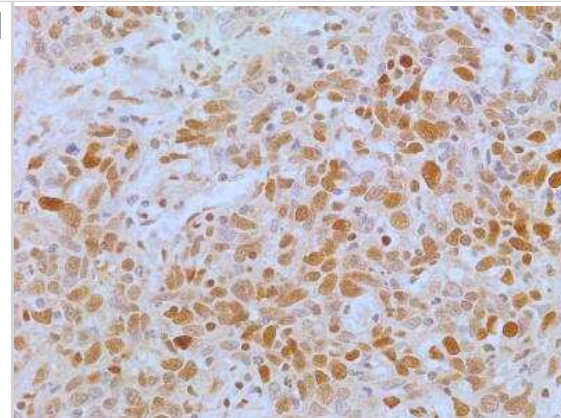
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin

Images

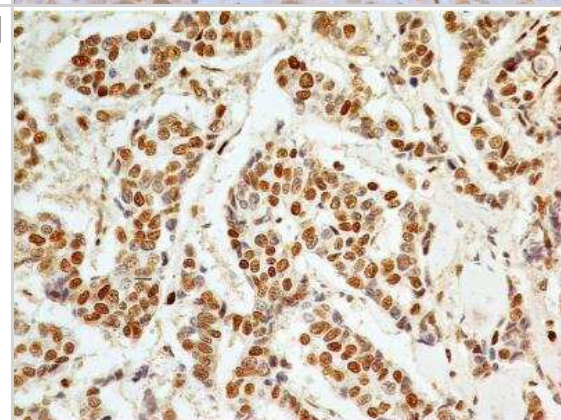
Western Blot: APIP Antibody (19F461) [NB100-56567] - Analysis of APIP2 in (A) recombinant protein and (B) HeLa cell lysate using APIP antibody at 2 ug/ml.



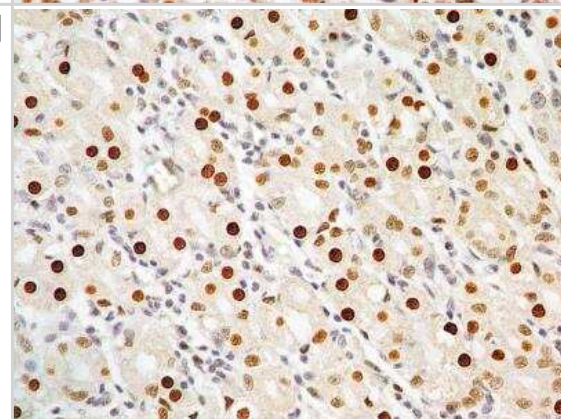
Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - Analysis of human lung cancer tissue section using APIP antibody (clone 19F461) at a concentration of 5 ug/ml. The representative image shows a nuclear and cytoplasmic staining pattern of APIP expression in lung cancer cells.



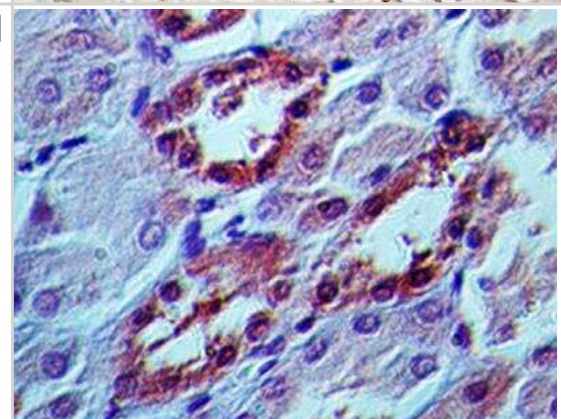
Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - Formalin-fixed, paraffin-embedded adenocarcinoma of the breast stained with APIP antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



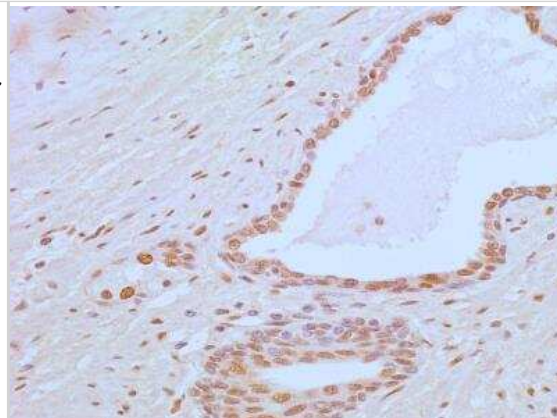
Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - Formalin-fixed, paraffin-embedded human stomach stained with APIP antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - Analysis of formalin-fixed paraffin-embedded human kidney tissue using APIP antibody at 5 ug/ml concentration.



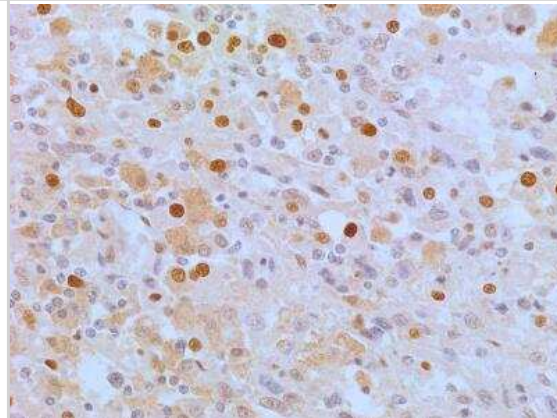
Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - Analysis of APIP in a section of normal prostate from human using 5 ug/ml concentration of APIP antibody (clone 19F461). The tubuloalveolar glands in prostate section depicted APIP positivity in the cytoplasm and nuclei of the epithelial cells. The fibro-muscular stroma showed an overall weak staining with intense nuclear positivity in some cells.



Immunohistochemistry-Paraffin: APIP Antibody (19F461) [NB100-56567]
 - 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) [NB100-56567]
 - 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.



Publications

Mowry FE, Peadar SC, Stern JE, Biancardi VC TLR4 and AT1R mediate blood-brain barrier disruption, neuroinflammation, and autonomic dysfunction in spontaneously hypertensive rats Pharmacological research 2021-10-02 [PMID: 34610452] (IF/IHC, Mouse)

Lim B, Jung K et al. Cardioprotective role of APIP in myocardial infarction through ADORA2B. Cell Death Dis 2019-01-07 [PMID: 31263105] (WB, Mouse)



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Products Related to NB100-56567

NBL1-07603	APIP Overexpression Lysate
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)

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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