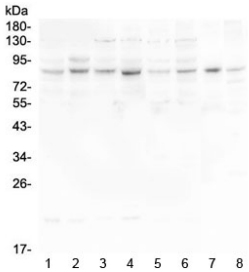
HOOK3 Antibody (RQ4932)

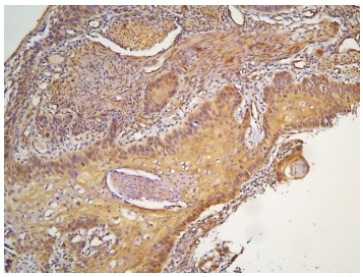
Catalog No.	Formulation	Size
RQ4932	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

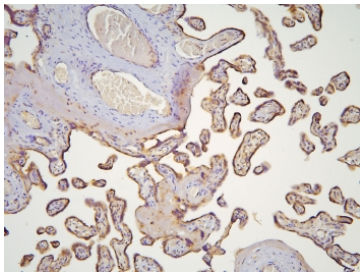
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q86VS8
Localization	Cytoplasmic
Applications	Flow cytometry: 1-3ug/10^6 cells Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 1-2ug/ml Immunofluorescence (FFPE): 2-4ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This HOOK3 antibody is available for research use only.



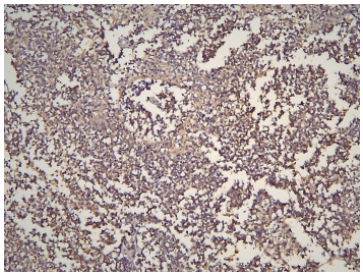
Western blot testing of human 1) HeLa, 2) U-87 MG, 3) U-2 OS, 4) K562, 5) Caco-2, 6) A549, 7) rat heart and 8) mouse heart lysate with HOOK3 antibody at 0.5ug/ml. Predicted molecular weight ~83 kDa.



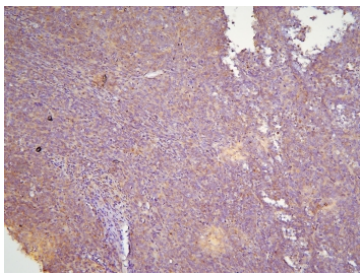
IHC staining of FFPE human esophageal squamous cancer with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



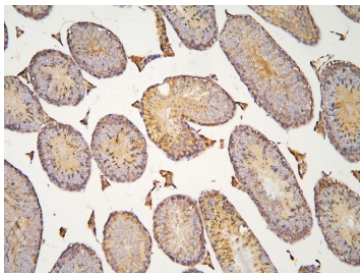
IHC staining of FFPE human placenta with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



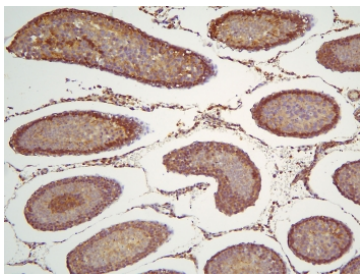
IHC staining of FFPE human glioma with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



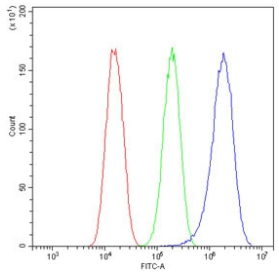
IHC staining of FFPE human sarcoma with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



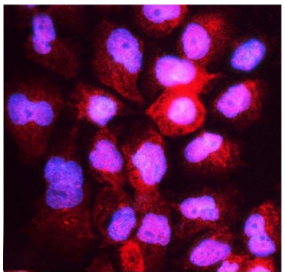
IHC staining of FFPE mouse testis with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE rat testis with HOOK3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Flow cytometry testing of human U-87 MG cells with HOOK3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOOK3 antibody.



Immunofluorescent staining of FFPE human A431 cells with HOOK3 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Protein Hook homolog 3 is a protein that in humans is encoded by the HOOK3 gene. Hook proteins are cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules, and more divergent C-terminal domains, which mediate binding to organelles. The Drosophila Hook protein is a component of the endocytic compartment.

Application Notes

Optimal dilution of the HOOK3 antibody should be determined by the researcher.

Immunogen

Amino acids E14-R198 from the human protein were used as the immunogen for the HOOK3 antibody.

Storage

After reconstitution, the HOOK3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

Copyright © NSJ Bioreagents. All rights reserved.