

Product Datasheet

TNIK Antibody - BSA Free NBP1-82994

Unit Size: 0.1 ml

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

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NBP1-82994

TNIK Antibody - BSA Free

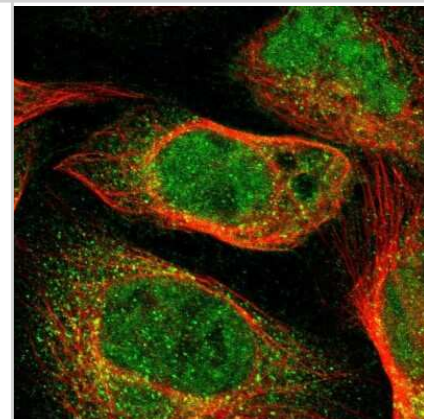
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	23043
Gene Symbol	TNIK
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QGPALTASQSVHEQPTKGLSGFQEALNVTSHRVEMPRQNSDPTSENPLPTRI EKFDRSSWLRQEEDIPPKVPQRTTSSISPALARKNSPGNGSALGPRLGSQPIRA SNPDLRRTTEPILESPLQRTSSGSSSSSS

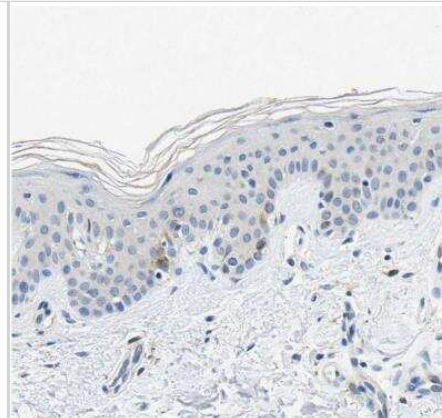
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

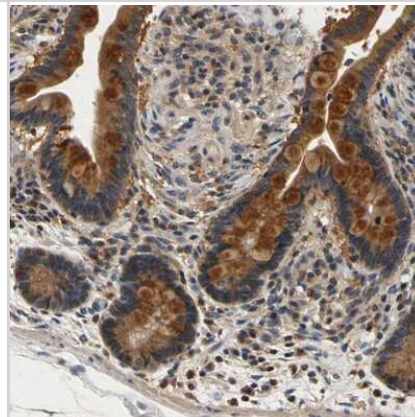
Immunocytochemistry/Immunofluorescence: TNIK Antibody [NBP1-82994] - Staining of human cell line U-2 OS shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



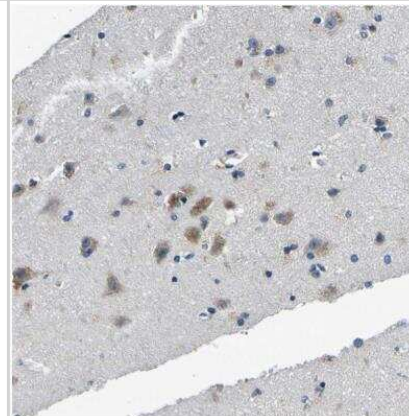
Immunohistochemistry-Paraffin: TNIK Antibody [NBP1-82994] - Staining of human skin shows very weak cytoplasmic positivity in a small subset of squamous epithelial cells.



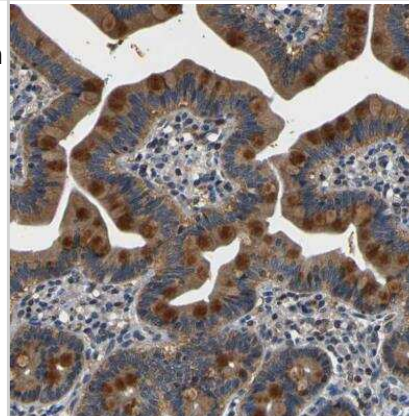
Immunohistochemistry-Paraffin: TNIK Antibody [NBP1-82994] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: TNIK Antibody [NBP1-82994] - Staining of human cerebral cortex shows weak cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: TNIK Antibody [NBP1-82994] - Staining of human upper gastrointestinal shows moderate cytoplasmic positivity in glandular cells.



Publications

Hu G, Huang N, Zhang J et al. LKB1 loss promotes colorectal cancer cell metastasis through regulating TNIK expression and actin cytoskeleton remodeling *Molecular carcinogenesis* 2023-07-14 [PMID: 37449799] (ICC/IF, WB)

Takahashi H, Ishikawa T, Ishiguro M et al. Prognostic significance of Traf2- and Nck- interacting kinase (TNIK) in colorectal cancer. *BMC Cancer* 2015-10-24 [PMID: 26499327] (IF/IHC, Human)

Yu DH, Zhang X, Wang H et al. The essential role of TNIK gene amplification in gastric cancer growth. *Oncogenesis* 2014-02-24 [PMID: 24566388]





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Products Related to NBP1-82994

NBP1-82994PEP	TNIK Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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