

Product Datasheet

Guanylate kinase Antibody - BSA Free NBP2-14078

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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NBP2-14078

Guanylate kinase 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

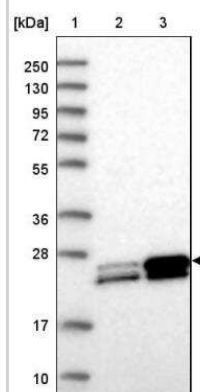
Host	Rabbit
Gene ID	2987
Gene Symbol	GUK1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: LRPIYISVQPPSLHVLEQRLRQRNTETEEESLVKRLAAQADMESSEKEPGLFDVVI INDSLDQAYAELEKEALSEEIKKAQRTGA

Product Application Details

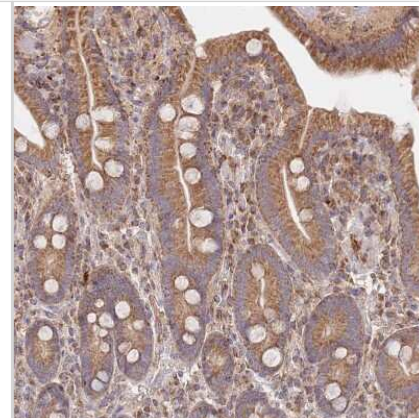
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000-1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

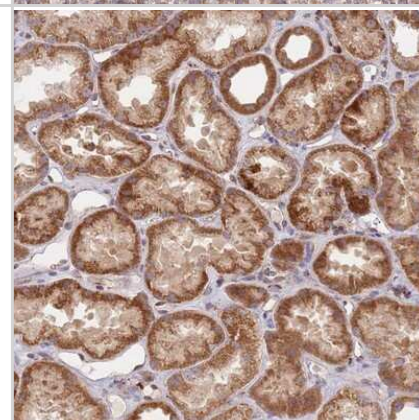
Western Blot: Guanylate kinase Antibody [NBP2-14078] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



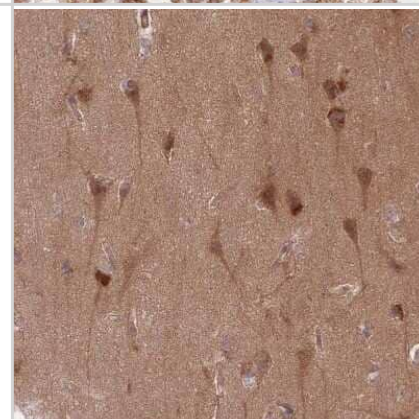
Immunohistochemistry-Paraffin: Guanylate kinase Antibody [NBP2-14078] - Staining of human duodenum shows moderate granular cytoplasmic positivity in glandular cells.



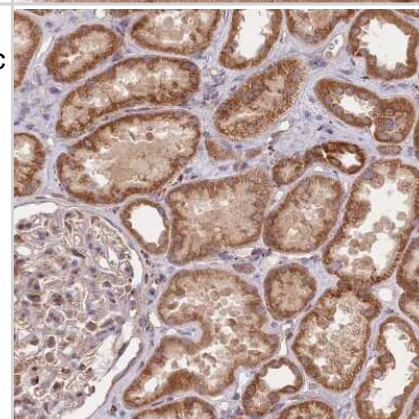
Immunohistochemistry-Paraffin: Guanylate kinase Antibody [NBP2-14078] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



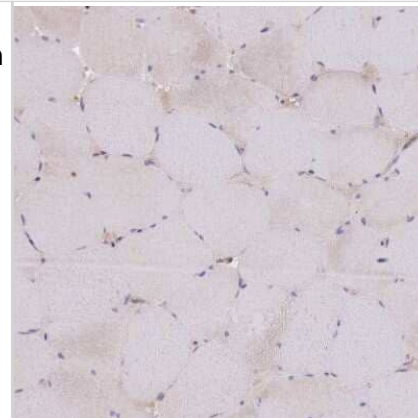
Immunohistochemistry-Paraffin: Guanylate kinase Antibody [NBP2-14078] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



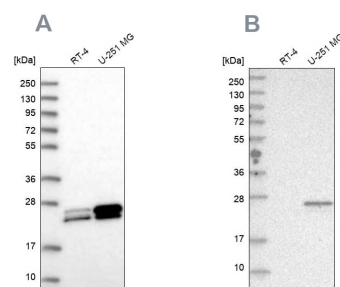
Immunohistochemistry-Paraffin: Guanylate kinase Antibody [NBP2-14078] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Guanylate kinase Antibody [NBP2-14078] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



Analysis using NBP2-14078 (A) shows similar pattern to independent antibody NBP2-76521 (B).





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Products Related to NBP2-14078

NBP2-14078PEP	Guanylate kinase 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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