

Product Datasheet

Guanylyl Cyclase beta 1 Antibody - BSA Free NBP1-89784

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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Publications: 2

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NBP1-89784

Guanylyl Cyclase beta 1 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

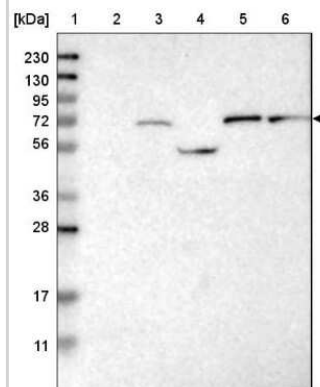
Product Description	
Description	Novus Biologicals Rabbit Guanylyl Cyclase beta 1 Antibody - BSA Free (NBP1-89784) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-Guanylyl Cyclase beta 1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2983
Gene Symbol	GUCY1B1
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34871799) .
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HALELLVIRNYGPEVWEDIKKEAQLDEEGQFLVRIIYDDSKTYDLVAAASKVLNL NAGEILQMFGKMFVFCQESGYDTILRVLGSNVREFLQNLDALHDHLATIYPGM RAPSFRCTDAEKKGKGLILHYYSEREGLQDIVIGII

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: Tested in Muscle, separated by Size, antibody dilution of 1:50

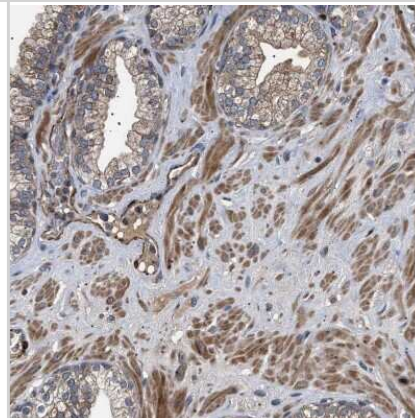


Images

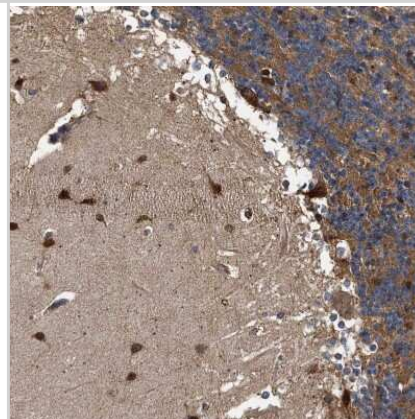
Western Blot: Guanylyl Cyclase beta 1 Antibody [NBP1-89784] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



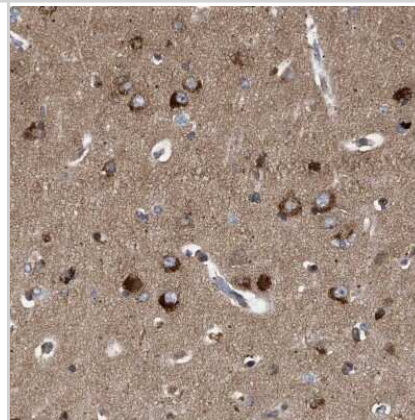
Immunohistochemistry-Paraffin: Guanylyl Cyclase beta 1 Antibody [NBP1-89784] - Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



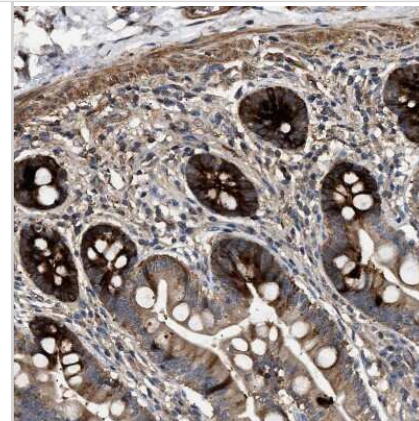
Immunohistochemistry-Paraffin: Guanylyl Cyclase beta 1 Antibody [NBP1-89784] - Staining of human cerebellum shows strong cytoplasmic positivity in molecular layer.



Immunohistochemistry-Paraffin: Guanylyl Cyclase beta 1 Antibody [NBP1-89784] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: Guanylyl Cyclase beta 1 Antibody [NBP1-89784] - Staining of human gastrointestinal shows strong cytoplasmic positivity in glandular cells.



Publications

Kimura S, Kawamorita N, Kikuchi Y et al. Low-energy shock wave therapy ameliorates ischemic-induced overactive bladder in a rat model with angiogenesis and increased expression of guanylate cyclase Research Square 2022-06-09 [PMID: 36536004] (WB, Rat)

Weber RE, Schulze KM, Colburn TD et al. Capillary hemodynamics and contracting skeletal muscle oxygen pressures in male rats with heart failure: Impact of soluble guanylyl cyclase activator Nitric oxide : biology and chemistry 2021-12-04 [PMID: 34871799] (WB, Rat)



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Products Related to NBP1-89784

NBP1-89784PEP	Guanylyl Cyclase beta 1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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