

Product Datasheet

Guanylyl Cyclase beta 1 Antibody - BSA Free NBP1-58869

Unit Size: 100 ul

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

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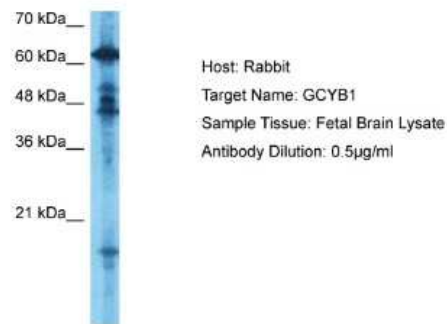
NBP1-58869

Guanylyl Cyclase beta 1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	71 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	2983
Gene Symbol	GUCY1B1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in multiple pieces of scientific literature.
Specificity/Sensitivity	This product is specific to Subunit or Isoform: beta-1.
Immunogen	Synthetic peptides corresponding to GUCY1B3(guanylate cyclase 1, soluble, beta 3) The peptide sequence was selected from the N terminal of GUCY1B3 (NP_000848). Peptide sequence LIEEKESKEEDFYEDLDRFEENGTQESRISPYTFCKAFPFIIFDRDLVV. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

Western Blot: Guanylyl Cyclase beta 1 Antibody [NBP1-58869] - Fetal Brain lysates, Antibody Dilution: 0.5 ug/ml.



Western Blot: Guanylyl Cyclase beta 1 Antibody [NBP1-58869] - 293T cells lysate, concentration 0.2-1 ug/ml.



Publications

Czirok Szabina, Fang Lilla, Radovits Tamas et al. Cinaciguat ameliorates glomerular damage by reducing ERK1/2 activity and TGF- β expression in type-1 diabetic Rats. *Scientific Reports* 2017-01-01 [PMID: 28894114] (WB, Mouse)

Leiria LO, Silva FH, Davel AP et al. The Soluble Guanylyl Cyclase Activator BAY 60-2770 Ameliorates Overactive Bladder in Obese Mice. *J Urol.* 2013-09-16 [PMID: 24050894] (WB, Mouse)



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Products Related to NBP1-58869

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002983-P01-10ug	Recombinant Human Guanylyl Cyclase beta 1 GST (N-Term) Protein

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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