

Product Datasheet

Guanylyl Cyclase alpha 1 Antibody NBP2-13000

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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NBP2-13000

Guanylyl Cyclase alpha 1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	77 kDa

Product Description	
Host	Rabbit
Gene ID	2982
Gene Symbol	GUCY1A1
Species	Human, Mouse, Rat
Specificity/Sensitivity	GCS-alpha-1 (D423) detects endogenous levels of GCS-alpha-1 protein.
Immunogen	Synthetic peptide, corresponding to amino acids 400-450 of Human GCS-alpha-1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Western blot (WB) analyzes of GCS-alpha -1 (D423) pAb in extracts from THP1 cells. Immunohistochemistry (IHC) analyzes of GCS-alpha -1 (D423) pAb in paraffin-embedded human lung carcinoma tissue.

Publications

kessler T, Wobst J, Wolf B et al. Functional Characterization of the GUCY1A3 Coronary Artery Disease Risk Locus. Circulation. 2017-08-01 [PMID: 28487391] (WB, Human)

Calmasini FB, Silva FH, Alexandre EC et al. Implication of Rho-kinase and soluble guanylyl cyclase enzymes in prostate smooth muscle dysfunction in middle-aged rats. NeuroUrol. Urodyn. 2016-03-21 [PMID: 26999618] (WB, Rat)

Ghosh A, Stasch JP, Papapetropoulos A et al. Nitric Oxide and Heat Shock Protein 90 Activate Soluble Guanylate Cyclase by Driving Rapid Change in its Subunit Interactions and Heme Content. J. Biol. Chem. 2014-04-14 [PMID: 24733395] (WB, Rat)





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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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