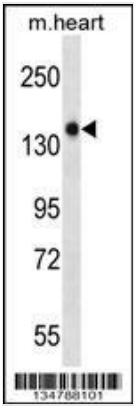
GUCY2F Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Gucy2f, Polyclonal Antibody
Full Product Name	Gucy2f, ID (Gucy2f, Retinal guanylyl cyclase 2) (APC)
Product Gene Name	anti-Gucy2f antibody
Product Synonym Names	Gucy2f; Retinal guanylyl cyclase 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	124,425 Da
3D Structure	ModBase 3D Structure for Q5SDA5
Immunogen	Mouse Gucy2f antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-344 amino acids from the Central region of Mouse Gucy2f.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-Gucy2f antibody	Antibodies; Enzymes; Cyclase
Applications Tested/Suitable for anti-Gucy2f antibody	Western Blot (WB), FLISA
Application Notes for anti-Gucy2f antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Gucy2f antibody	Probably plays a specific functional role in the rods and/or cones of photoreceptors. It may be the enzyme involved in the resynthesis of cGMP required for recovery of the dark state after phototransduction (By similarity).
Product References and Citations for anti-Gucy2f antibody	Schmidt, H., et al. J. Cell Biol. 179(2):331-340(2007). Baehr, W., et al. J. Biol. Chem. 282(12):8837-8847(2007). Corbo, J.C., et al. PLoS Genet. 1 (2), E11 (2005): Shearstone, J.R., et al. Genomics 85(3):309-321(2005). Yamazaki, K., et al. Genomics 51(2):303-305(1998).
Other Notes	Small volumes of anti-Gucy2f antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Gucy2f purchase	MBS6305131 is an antibody targeting Gucy2f. Also known as Gucy2f, ID (Gucy2f, Retinal guanylyl cyclase 2) (APC). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-Gucy2f antibody
Mouse Gucy2f Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Gucy2f antibody detected the Gucy2f protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gucy2f. It may not necessarily be applicable to this product.

NCBI GI #	56119098
NCBI GeneID	245650
NCBI Accession #	NP_001007577.1
UniProt Primary Accession #	Q5SDA5
UniProt Secondary Accession #	Q8BLL8
UniProt Related Accession #	Q5SDA5
GenBank Nucleotide #	NM_001007576.2
NCBI Official Full Name	retinal guanylyl cyclase 2
NCBI Official Synonym Full Names	guanylate cyclase 2f
NCBI Official Symbol	Gucy2f
NCBI Official Synonym Symbols	GC2; GC-F; A930002I06
UniProt Protein Name	Retinal guanylyl cyclase 2
Protein Family	Retinal guanylyl cyclase
UniProt Gene Name	Gucy2f
UniProt Entry Name	GUC2F_MOUSE
NCBI Protein Information	retinal guanylyl cyclase 2
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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