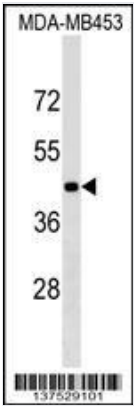
GRSF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GRSF1, Polyclonal Antibody
Full Product Name	GRSF1, ID (GRSF1, G-rich sequence factor 1) (Biotin)
Product Gene Name	anti-GRSF1 antibody
Product Synonym Names	GRSF1; G-rich sequence factor 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	53,126 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (71681499..71705627, complement). Location: 4q13
OMIM	604851
3D Structure	ModBase 3D Structure for Q12849
Immunogen	GRSF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 306-333 amino acids from the Central region of human GRSF1.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-GRSF1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-GRSF1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-GRSF1 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-GRSF1 antibody	The protein encoded by this gene is a cellular protein that binds RNAs containing the G-rich element. The protein is localized in the cytoplasm, and has been shown to stimulate translation of viral mRNAs in vitro. Multiple transcript variants encoding different isoforms have been found for this gene.
Product References and Citations for anti-GRSF1 antibody	Kash, J.C., et al. J. Virol. 76(20):10417-10426(2002). Park, Y.W., et al. Proc. Natl. Acad. Sci. U.S.A. 96(12):6694-6699(1999). Banga, S.S., et al. Cytogenet. Cell Genet. 73(4):295-296(1996). Qian, Z., et al. Nucleic Acids Res. 22(12):2334-2343(1994).
Other Notes	Small volumes of anti-GRSF1 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 GRSF1 purchase	MBS6304571 is an antibody targeting GRSF1. Also known as GRSF1, ID (GRSF1, G-rich sequence factor 1) (Biotin). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-GRSF1 antibody
GRSF1 Antibody (Center) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the GRSF1 antibody detected the GRSF1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRSF1. It may not necessarily be applicable to this product.

NCBI GI #	149193321
NCBI GeneID	2926
NCBI Accession #	NP_002083.3
UniProt Primary Accession #	Q12849
UniProt Secondary Accession #	Q4W5S5; Q6ZST3; Q8IWD6; Q8NBD2; B3KPW0
UniProt Related Accession #	Q12849
GenBank Nucleotide #	NM_002092.3
NCBI Official Full Name	G-rich sequence factor 1 isoform 1
NCBI Official Synonym Full Names	G-rich RNA sequence binding factor 1
NCBI Official Symbol	GRSF1
UniProt Protein Name	G-rich sequence factor 1
Protein Family	G-rich sequence factor
UniProt Gene Name	GRSF1
UniProt Synonym Gene Names	GRSF-1
UniProt Entry Name	GRSF1_HUMAN
NCBI Protein Information	G-rich sequence factor 1; GRSF-1
Research Articles on GRSF1	**1.** GRSF1 regulates RNA processing in mitochondrial RNA granules.
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