PRG3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRG3, Polyclonal Antibody
Full Product Name	PRG3 Polyclonal Antibody
Product Gene Name	anti-PRG3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	25kDa
OMIM	AF132209 mRNA
3D Structure	ModBase 3D Structure for Q9Y2Y8
Immunogen	Recombinant protein of human PRG3 (NP_006084.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRG3 antibody	Western Blot (WB)
Application Notes for anti-PRG3 antibody	WB: 1:500-1:2000
Related Product Information for anti-PRG3 antibody	MBS8571138 is an antibody targeting PRG3. Also known as PRG3 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-PRG3 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRG3. It may not necessarily be applicable to this product.

NCBI GI #	223633965
NCBI GeneID	10394
NCBI Accession #	NP_006084.2
UniProt Primary Accession #	Q9Y2Y8
UniProt Related Accession #	Q9Y2Y8
GenBank Nucleotide #	NP_006084.2
NCBI Official Full Name	proteoglycan 3

NCBI Official Synonym Full Names	proteoglycan 3, pro eosinophil major basic protein 2
NCBI Official Symbol	PRG3
NCBI Official Synonym Symbols	MBP2; MBPH
UniProt Protein Name	Proteoglycan 3
UniProt Synonym Protein Names	Eosinophil major basic protein homolog; Prepro-major basic protein homolog; Prepro-MBPH
Protein Family	Proteoglycan
UniProt Gene Name	PRG3
UniProt Synonym Gene Names	Prepro-MBPH
NCBI Protein Information	proteoglycan 3
UniProt Comments for PRG3	PRG3: Possesses similar cytotoxic and cytostimulatory activities to PRG2/MBP. In vitro, stimulates neutrophil superoxide production and IL8 release, and histamine and leukotriene C4 release from basophils. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 11q12.1 Cellular Component: extracellular region Molecular Function: carbohydrate binding Biological Process: basophil activation; histamine biosynthetic process; leukotriene biosynthetic process; negative regulation of translation; neutrophil activation; neutrophil degranulation; positive regulation of interleukin-8 biosynthetic process; superoxide anion generation
Research Articles on PRG3	**1.** Observational study of gene-disease association and gene-environment interaction. (HuGE Navigator)
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