Peroxiredoxin 5 (PRDX5) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Peroxiredoxin 5 (PRDX5), Polyclonal Antibody
Full Product Name	HRP-Linked Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)
Product Gene Name	anti-PRDX5 antibody
Product Synonym Names	PLP; PRDX6; ACR1; PMP20; PRXV; SBBI10; Thioredoxin Peroxidase PMP20; Peroxisomal Antioxidant Enzyme; TPx Type VI; Liver Tissue 2D-Page Spot 71B; Alu Co-Repressor 1
Clonality	Polyclonal
Host	Rabbit
Form/Format	Liquid; Supplied as solution form in PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol
Purity/Purification	Antigen-specific Affinity Chromatography.
Concentration	0.33mg/mL (lot specific)
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: PRDX5 (MBS2004021) HRP Conjugated Antibody: PRDX5 (MBS2077142)
Matching Pairs	HRP Conjugated Antibody: PRDX5 (MBS2077142) Immunogen: PRDX5 (MBS2011100)
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Source	Antibody labeling
Label	HRP
Original Antibody	MBS2004021
Immunogen	Recombinant PRDX5 (Met1~Leu213) expressed in E.coli.
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-PRDX5 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC)
Application Notes for anti-PRDX5 antibody	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Related Product Information for anti-PRDX5 antibody	MBS2077142 is an antibody targeting PRDX5. Also known as HRP-Linked Polyclonal Antibody to Peroxiredoxin 5 (PRDX5). Host: Rabbit.

Other Notes	Small volumes of anti-PRDX5 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 PRDX5. It may not necessarily be applicable to this product.

NCBI GI #	78709078
NCBI GeneID	3771951
NCBI Accession #	NP_650679.3
GenBank Nucleotide #	NM_142422.5
NCBI Official Full Name	peroxiredoxin 5, isoform A
NCBI Official Synonym Full Names	Peroxiredoxin 5
NCBI Official Symbol	Prx5
NCBI Official Synonym Symbols	CG 32920; CG 7217; CG32920; CG7217; DmelCG7217; dprx5; dPrx5; dPrxV; prx5
Protein Family	Peroxiredoxin
NCBI Protein Information	CG7217 gene product from transcript CG7217-RA
Research Articles on PRDX5	**1.** results suggest JNK/FOXO mediated dPrxV (Peroxiredoxin 5) expression plays a critical role in Drosophila melanogaster gut during bacterial infection in protecting the host gut epithelial cells from oxidative damage
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