

Product Datasheet

Peroxiredoxin 6 Antibody (3A10-2A11) - Azide and BSA Free H00009588-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 12

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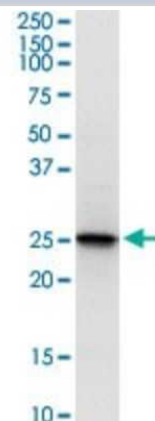


H00009588-M01**Peroxiredoxin 6 Antibody (3A10-2A11) - Azide and BSA Free**

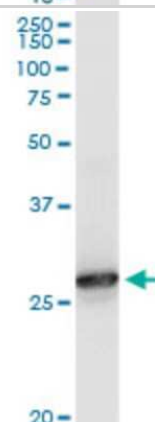
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A10-2A11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Peroxiredoxin 6 Antibody (3A10-2A11) - Azide and BSA Free (H00009588-M01) is a monoclonal antibody validated for use in WB and ELISA. Anti-Peroxiredoxin 6 Antibody: Cited in 12 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9588
Gene Symbol	PRDX6
Species	Human, Bovine
Reactivity Notes	Bovine reactivity reported in scientific literature (PMID: 26344128).
Specificity/Sensitivity	PRDX6 - peroxiredoxin 6
Immunogen	PRDX6 (AAH35857.1, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPGGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPRDFTPVCTTELGR AAKLAPFAKRNVKLIALSIDSVEDHLAWSKDINAYNCEEPTEKLPFPIIDDRNRE LAILLGMLDPAEKDEKGMPTARVVFVFGPDKKLLKSILYPATTGRNFDEILRVVI SLQLTAEKRVATPVDWKDGDSVMVLPTIPEEEAKKLFPGVFTKELPSGKKYLR YTPQP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Dot Blot
Application Notes	Antibody Reactive against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Use in Dot blot reported in scientific literature (PMID: 26344128).

Images

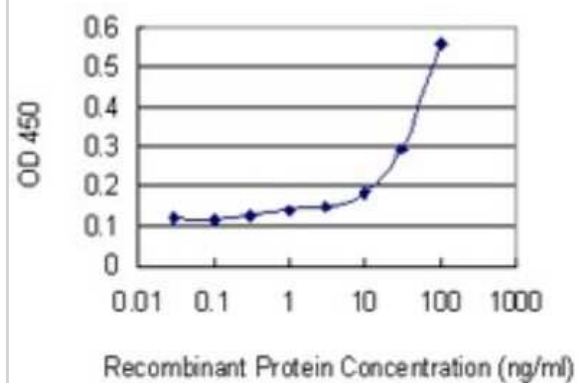
Western Blot: Peroxiredoxin 6 Antibody (3A10-2A11) [H00009588-M01] - PRDX6 monoclonal antibody (M01), clone S1. Analysis of PRDX6 expression in MCF-7.



Western Blot: Peroxiredoxin 6 Antibody (3A10-2A11) [H00009588-M01] - PRDX6 monoclonal antibody (M01), clone 3A10-2A11. Analysis of PRDX6 expression in human liver.



ELISA: Peroxiredoxin 6 Antibody (3A10-2A11) [H00009588-M01] - Detection limit for recombinant GST tagged PRDX6 is 3 ng/ml as a capture antibody.



Publications

- Brigitte P, Arnaud C, Sebastien C et al. Relationships between the abundance of 29 proteins and several meat or carcass quality traits in two bovine muscles revealed by a combination of univariate and multivariate analyses. *J Proteomics*. 2022-12-16 [PMID: 36535620]
- Picard B, Gagaoua M, Al Jammam M, Bonnet M et al. Beef tenderness and intramuscular fat proteomic biomarkers: Effect of gender and rearing practices. *J Proteomics*. 2019-03-17 [PMID: 30894324]
- Gagaoua M, Bonnet M, Ellies-Oury MP et al. Reverse phase protein arrays for the identification/validation of biomarkers of beef texture and their use for early classification of carcasses. *Food Chem* 2018-01-10 [PMID: 29412918]
- Romanello KS, Teixeira KKL, Silva JPMO et al. Global analysis of erythroid cells redox status reveals the involvement of Prdx1 and Prdx2 in the severity of beta thalassemia. *PLoS One* 2018-12-06 [PMID: 30521599]
- Picard B, Gagaoua M, Al-Jammam M et al. Beef tenderness and intramuscular fat proteomic biomarkers: muscle type effect. *PeerJ* 2018-06-07 [PMID: 29892502]
- Gagaoua M, Bonnet M, De Koning L et al. Reverse Phase Protein array for the quantification and validation of protein biomarkers of beef qualities: The case of meat color from Charolais breed. *Meat Sci* 2018-07-05 [PMID: 30015160]
- Gagaoua M, Terlouw EMC, Picard B. et al. The study of protein biomarkers to understand the biochemical processes underlying beef color development in young bulls. *Meat Sci* 2017-07-18 [PMID: 28750331]
- Jia X, Veiseth-Kent E, Grove H et al. Peroxiredoxin-6--a potential protein marker for meat tenderness in bovine longissimus thoracis muscle. *J Anim Sci*. 2009-04-09 [PMID: 19359513]
- Taga H, Chilliard Y, Meunier B et al. Cellular and molecular large-scale features of fetal adipose tissue: is bovine perirenal adipose tissue brown?. *J Cell Physiol*. 2012-04-01 [PMID: 21678425]
- Guillemin N, Bonnet M, Jurie C et al. Functional analysis of beef tenderness. *J Proteomics* 2011-08-09 [PMID: 21855665]
- Picard B, Gagaoua M, Micol D et al. Inverse relationships between biomarkers and beef tenderness according to contractile and metabolic properties of the muscle. *J Agric Food Chem* 2014-08-24 [PMID: 25175407]
- Gagaoua M, Terlouw EMC, Boudjellal A, Picard B. Coherent correlation networks among protein biomarkers of beef tenderness: What they reveal. *Journal of proteomics* 2015-10-14 [PMID: 26344128] (WB, Cytometric Bead Assay Standard, Bovine)





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Products Related to H00009588-M01

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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