

Product Datasheet

COX IV Isoform 2 Antibody

NBP1-44068

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-44068

COX IV Isoform 2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat COX IV Isoform 2 Antibody (NBP1-44068) is a polyclonal antibody validated for use in WB and ELISA. Anti-COX IV Isoform 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	84701
Gene Symbol	COX4I2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize COX4I1 (GeneID:1327; MW: 19.6kDa) & COX4I2 (GeneID:84701, MW:19.6kDa).
Immunogen	Peptide with sequence C-RWDYEKKQWKK corresponding to C-Terminus according to NP_115998.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 17 kDa band observed in human skeletal muscle lysates (calculated MW of 19.6 kDa band according to NP_115998.2).

Images

Western Blot: COX IV Isoform 2 Antibody [NBP1-44068] - Analysis of COX IV Isoform 2 in Human Skeletal Muscle lysate (35ug protein in RIPA buffer) using NBP1-44068 at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Burmakin M, Fasching A, Kobayashi H et al. Pharmacological HIF-PHD inhibition reduces renovascular resistance and increases glomerular filtration by stimulating nitric oxide generation *Acta physiologica (Oxford, England)* 2021-04-26 [PMID: 33900001]

Fukuda R, Zhang H, Kim JW et al. HIF-1 regulates cytochrome oxidase subunits to optimize efficiency of respiration in hypoxic cells. *Cell* 2007-04-06 [PMID: 17418790]





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Products Related to NBP1-44068

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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