

# Product Datasheet

## CYBB/NOX2 Antibody (SN07-16)

### NBP2-67680

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP2-67680**

CYBB/NOX2 Antibody (SN07-16)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN07-16
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit CYBB/NOX2 Antibody (SN07-16) (NBP2-67680) is a recombinant monoclonal antibody validated for use in WB. Anti-CYBB/NOX2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1536
Gene Symbol	CYBB
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CYBB/NOX2 aa 131-180 / 570. (SwissProt: P04839 Human; SwissProt: Q61093 Mouse; Entrez Gene:66021 Rat)

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:2,000

**Images**

Western Blot: CYBB/NOX2 Antibody (SN07-16) [NBP2-67680] Analysis of NOX2/gp91phox on different lysates with Rabbit anti-NOX2/gp91phox antibody at 1/2,000 dilution. Lane 1: HepG2 cell lysate (15 ug/Lane) Lane 2: MCF7 cell lysate (15 ug/Lane) Lane 3: Mouse brain tissue lysate (20 ug/Lane) Lane 4: Mouse spleen tissue lysate (20 ug/Lane) Lane 5: Rat brain tissue lysate (20 ug/Lane) Lane 6: Rat spleen tissue lysate (20 ug/Lane) Predicted band size: 65 kDa Observed band size: 55 kDa Exposure time: 3 minutes; 4-20% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



## Publications

Velatooru LR, Abe RJ, Imanishi M Et al. Disturbed flow-induced FAK K152 SUMOylation initiates the formation of pro-inflammation positive feedback loop by inducing reactive oxygen species production in endothelial cells Free radical biology & medicine 2021-10-04 [PMID: 34619327]

Zhao G, Chang Z, Zhao Y, et al. KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction JCI insight 2021-01-28 [PMID: 33507881] (WB, Human)





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### **Products Related to NBP2-67680**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001536-Q01-10ug	Recombinant Human CYBB/NOX2 GST (N-Term) Protein

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### **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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