
Product Name: NOX2/CYBB/gp91phox Rabbit Monoclonal Antibody**Catalog #: AMRe83823**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.55mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	65 kDa

Antigen Information

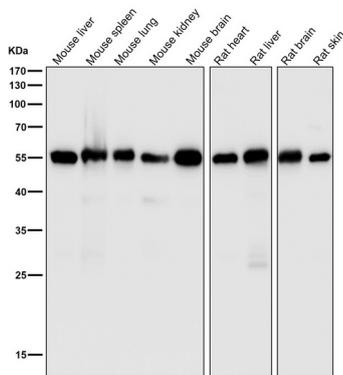
Gene Name	NOX2/CYBB/gp91phox CGD; CGD91-phox; Cytochrome b-245 heavy chain; CGD91-phox; Cytochrome b558 subunit
Alternative Names	beta; Heme-binding membrane glycoprotein; NADPH oxidase 2; Neutrophil cytochrome b 91 kDa polypeptide;;NOX2
Gene ID	
SwissProt ID	P04839
Immunogen	A synthesized peptide derived from human NOX2

Background

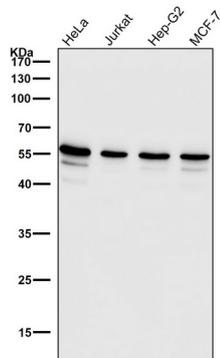
Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. It is the terminal component of a respiratory chain that transfers single electrons from cytoplasmic NADPH across the plasma membrane to molecular oxygen on the exterior. Also functions as a voltage-gated proton channel that mediates the H⁺ currents of resting phagocytes. It participates in the regulation of cellular pH and is blocked by zinc.

Research Area

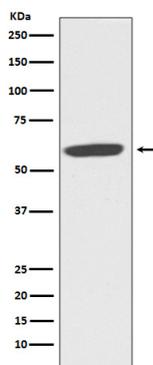
Image Data



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of NOX2/CYBB/gp91phox expression in MCF-7 cell lysate.