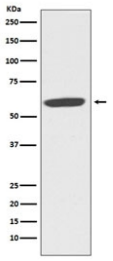
CYBB Antibody / NOX2 / gp91phox [clone GOH-3] (RQ5084)

Catalog No.	Formulation	Size
RQ5084	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	GOH-3
Purity	Affinity purified
UniProt	P04839
Applications	Western blot: 1:1000-1:2000
Limitations	This CYBB antibody is available for research use only.



Western blot testing of human MCF7 cell lysate with CYBB antibody. Predicted molecular weight ~65 kDa, can be observed at ~85 kDa.

Description

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. [UniProt]

Application Notes

Optimal dilution of the CYBB antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Nox2 / CYBB was used as the immunogen for the CYBB antibody.

Storage

Store the CYBB antibody at -20oC.

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