

## Anti-p22-phox CYBA Antibody

Catalog Number: A03781

### About CYBA

May catalyze alpha-1,3 and alpha-1,4 glycosidic linkages involved in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. May be involved in blood group Lewis determination; Lewis-positive (Le+) individuals have an active enzyme while Lewis-negative (Le-) individuals have an inactive enzyme. Also acts on the corresponding 1,4-galactosyl derivative, forming 1,3-L-fucosyl links.

Kukowska-Latallo J.F., Genes Dev. 4:1288-1303(1990).

Cameron H.S., J. Biol. Chem. 270:20112-20122(1995).

Rahim I., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

### Overview

Product Name	Anti-p22-phox CYBA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p22-phox CYBA Antibody catalog # A03781. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P13498

### Technical Details

Immunogen	Synthesized peptide derived from human NU6M protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

## Anti-p22-phox CYBA Antibody (A03781) Images

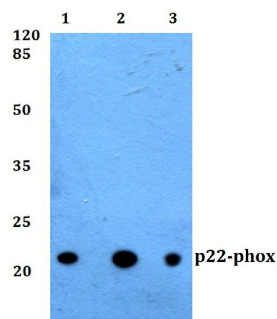


Figure 1. Western blotting validation for Anti-p22-phox CYBA Antibody A03781

Western blot (WB) analysis of p22-phox polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

## 1 Publications Citing This Product

1. PubMed ID: 26648159, NADPH oxidase 3-associated oxidative stress and caspase 3-dependent apoptosis in the cochleae of D-galactose-induced aged rats

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