

Datasheet for ABIN750543
anti-CYBA antibody (AA 21-120) (Cy5.5)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYBA
Binding Specificity:	AA 21-120
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYBA antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CK18 Cytochrome b245 Light Chain/p22phox
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CYBA
Alternative Name:	Cytochrome b245 Light Chain (CYBA Products)

Target Details

Background: Synonyms: p22-PHOX, Cytochrome b-245 light chain, Cytochrome b(558) alpha chain, Cytochrome b558 subunit alpha, Neutrophil cytochrome b 22 kDa polypeptide, Superoxide-generating NADPH oxidase light chain subunit, p22 phagocyte B-cytochrome, p22phox, CYBA

Background: Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. Associates with NOX3 to form a functional NADPH oxidase constitutively generating superoxide.

Gene ID: 1535

UniProt: [P13498](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months