

Rabbit anti-Human Cytochrome b-245 heavy chain Polyclonal Antibody | anti-CYBB antibody

Rabbit anti-human Cytochrome b-245 heavy chain polyclonal Antibody(CYBB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119462	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

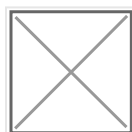
PRODUCT SYNONYMS

Cytochrome b-245 heavy chain; Polyclonal Antibody; Rabbit anti-human Cytochrome b-245 heavy chain polyclonal Antibody(CYBB); CGD91-phox; Cytochrome b(558) subunit beta; Cytochrome b558 subunit beta; Heme-binding membrane glycoprotein gp91phox; NADPH oxidase 2; Neutrophil cytochrome b 91 kDa polypeptide; Superoxide-generating NADPH oxidase; heavy chain subunit; gp91-1; gp91-phox; p22 phagocyte B-cytochrome; NOX2; CYBB; anti-CYBB antibody

PRODUCT SPECIFICATIONS

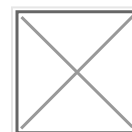
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	570
Applicable Applications for anti-CYBB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Cytochrome b-245 heavy chain protein(283-570AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5826 / sc-5827 / sc-27635 / sc-27636 / sc-20782
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



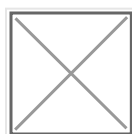
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA119462 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA119462 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA119462 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CYBB antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6996021
NCBI GeneID	1536
NCBI Accession #	NP_000388.2
NCBI GenBank Nucleotide #	NM_000397.3
UniProt Accession #	P04839; Q2PP16; A8K138
Molecular Weight	65,336 Da
NCBI Official Full Name	cytochrome b-245 heavy chain
NCBI Official Synonym Full Names	cytochrome b-245, beta polypeptide
NCBI Official Symbol	CYBB
NCBI Official Synonym Symbols	CGD; NOX2; IMD34; AMCBX2; GP91-1; GP91PHOX; p91-PHOX; GP91-PHOX
NCBI Protein Information	cytochrome b-245 heavy chain
UniProt Protein Name	Cytochrome b-245 heavy chain
UniProt Gene Name	CYBB
UniProt Synonym Gene Names	NOX2; Cytochrome b558 subunit beta
UniProt Entry Name	CY24B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.