

Rabbit CYBB Polyclonal Antibody | anti-CYBB antibody

CYBB Polyclonal Antibody

CATALOG # AAA169169	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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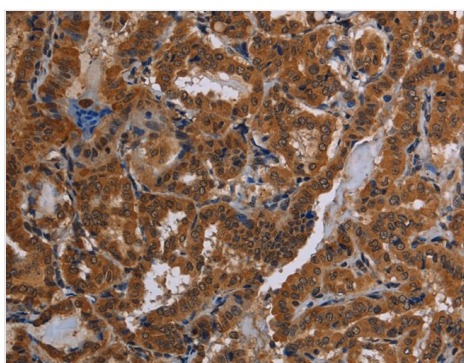
PRODUCT SYNONYMS

CYBB; Polyclonal Antibody; CYBB Polyclonal Antibody; CGD; NOX2; AMCBX2; GP91-1; GP91PHOX; p91-PHOX; GP91-PHOX; anti-CYBB antibody

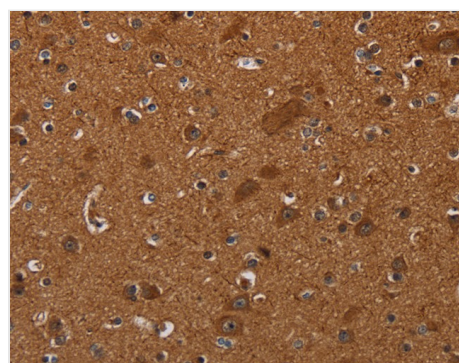
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	35
Applicable Applications for anti-CYBB antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human CYBB
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CYBB Polyclonal Antibody at dilution 1:40


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using CYBB Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-CYBB antibody	Cytochrome b (-245) is composed of cytochrome b alpha (CYBA) and beta (CYBB) chain. It has been proposed as a primary component of the microbicidal oxidase system of phagocytes. CYBB deficiency is one of five described biochemical defects associated with chronic granulomatous disease (CGD). In this disorder, there is decreased activity of phagocyte NADPH oxidase; neutrophils are able to phagocytize bacteria but cannot kill them in the phagocytic vacuoles.
Product Categories/Family for anti-CYBB antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	3845574
NCBI GeneID	1536
Molecular Weight	65,336 Da
NCBI Official Full Name	CYBB, partial
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; CGD91-phox; NADPH oxidase 2; cytochrome b(558) subunit beta; cytochrome b558 subunit beta; heme-binding membrane glycoprotein gp91phox; neutrophil cytochrome b 91 kDa polypeptide; p22 phagocyte B-cytochrome; superoxide-generating NADPH oxidase heavy chain subunit
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cybb-antibody-immunohistochemistry-elisa/169169>