

Rabbit anti-Human CYBA Polyclonal Antibody | anti-CYBA antibody

CYBA Polyclonal Antibody

CATALOG # AAA177099	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry
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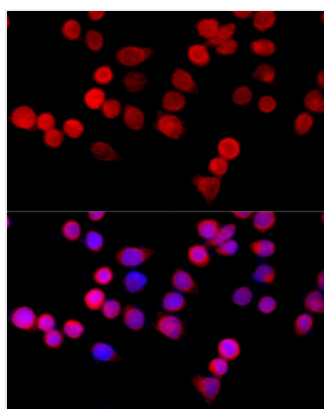
PRODUCT SYNONYMS

CYBA; Polyclonal Antibody; CYBA Polyclonal Antibody; p22-PHOX; anti-CYBA antibody

PRODUCT SPECIFICATIONS

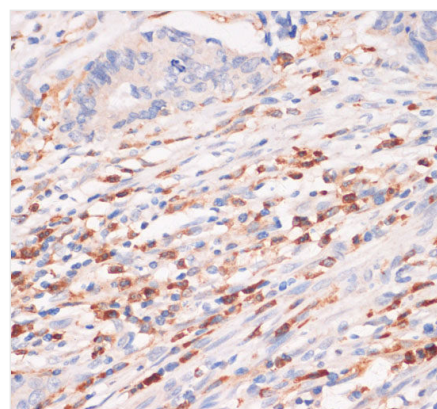
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CYBA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human CYBA (NP_0000922)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



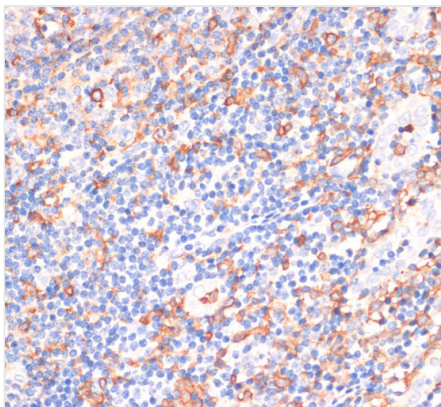
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CYBA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using CYBA Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded Human tonsil using CYBA Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CYBA antibody	Cytochrome b is comprised of a light chain (alpha) and a heavy chain (beta). This gene encodes the light, alpha subunit which has been proposed as a primary component of the microbicidal oxidase system of phagocytes. Mutations in this gene are associated with autosomal recessive chronic granulomatous disease (CGD), that is characterized by the failure of activated phagocytes to generate superoxide, which is important for the microbicidal activity of these cells.
Product Categories/Family for anti-CYBA antibody	Cancer; Cell Biology; Metabolism; Immunology; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	68509914
NCBI GeneID	1535
NCBI Accession #	NP_000092.2
NCBI GenBank Nucleotide #	NM_000101.3
UniProt Accession #	P13498; Q14090; Q9BR72
Molecular Weight	21,013 Da
NCBI Official Full Name	cytochrome b-245 light chain
NCBI Official Synonym Full Names	cytochrome b-245, alpha polypeptide
NCBI Official Symbol	CYBA
NCBI Official Synonym Symbols	p22-PHOX
NCBI Protein Information	cytochrome b-245 light chain; cytochrome b light chain; cytochrome b(558) alpha chain; cytochrome b(558) alpha-subunit; cytochrome b, alpha polypeptide; cytochrome b558 subunit alpha; flavocytochrome b-558 alpha polypeptide; neutrophil cytochrome b 22 kDa
UniProt Protein Name	Cytochrome b-245 light chain
UniProt Gene Name	CYBA
UniProt Synonym Gene Names	p22phox
UniProt Entry Name	CY24A_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.

