

Rabbit CYBA Polyclonal Antibody | anti-CYBA antibody

CYBA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199395	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

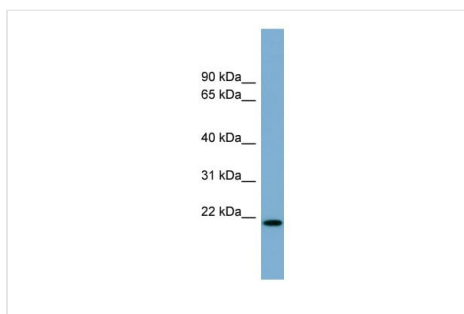
PRODUCT SYNONYMS

CYBA; Polyclonal Antibody; CYBA antibody - middle region; anti-CYBA antibody

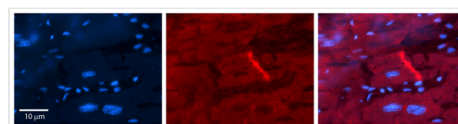
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TILGTACLAIASGIYLLAAVRGEQWTPIEPKPRERPQIGGTIKQPPSNPP
Sequence Length	195
Applicable Applications for anti-CYBA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 79%; Horse: 79%; Human: 100%; Mouse: 86%; Pig: 86%; Rabbit: 79%; Rat: 86%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CYBA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CYBA Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Small Intestine


IHC (Immunohistochemistry)

Rabbit Anti-CYBA Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Plasma membrane in intercalated disk
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CYBA antibody	This is a rabbit polyclonal antibody against CYBA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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
Product Categories/Family for anti-CYBA antibody	Polyclonal ; Growth Factors & Hormones ; Membrane Protein ; Drugs and Drug Metabolism ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	68509914
NCBI GeneID	1535
NCBI Accession #	NP_000092
NCBI GenBank Nucleotide #	NM_000101
UniProt Accession #	P13498
Molecular Weight	21kDa
NCBI Official Full Name	cytochrome b-245 light chain
NCBI Official Synonym Full Names	cytochrome b-245 alpha chain
NCBI Official Symbol	CYBA
NCBI Official Synonym Symbols	p22-PHOX
NCBI Protein Information	cytochrome b-245 light chain
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.