

Datasheet for ABIN7266628
anti-CYBA antibody (AA 126-195)



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Overview

Quantity:	100 µL
Target:	CYBA
Binding Specificity:	AA 126-195
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYBA antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	CYBA Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 126-195 of human CYBA (NP_000092.2).
Sequence:	VRGEQWTPIE PKPRERPQIG GTIKQPPSNP PPRPPAEARK KPSEEEAAVA AGGPPGGPQV NPIPVTDEVV
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CYBA
Alternative Name:	CYBA (CYBA Products)
Background:	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.,CYBA,p22-PHOX,Cancer,Cell Biology & Developmental Biology,Endocrine & Metabolism,Mitochondrial metabolism,Cytochromes,Immunology & Inflammation,CYBA
Molecular Weight:	21kDa
Gene ID:	1535
UniProt:	P13498
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , Carbohydrate Homeostasis

Application Details

Application Notes:	IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.