

Product datasheet for **TA351456**

CYBB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CYBB
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cytochrome b-245 beta chain
Database Link:	NP_000388 Entrez Gene 13058 Mouse Entrez Gene 1536 Human P04839

Background: 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.

Synonyms: AMCBX2; CGD; GP91-1; GP91-PHOX; GP91PHOX; IMD34; NOX2; p91-PHOX

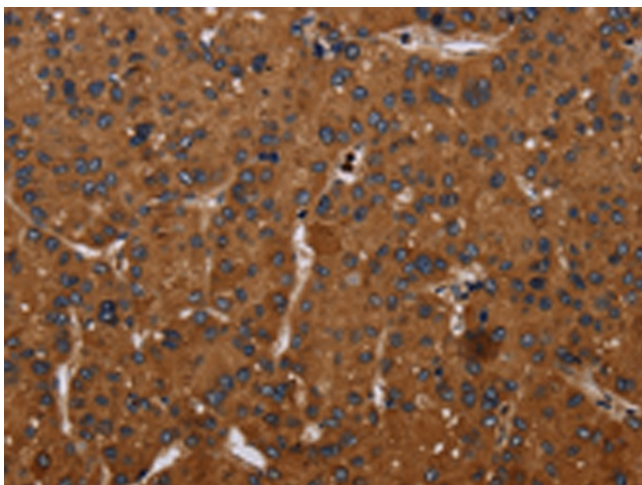
Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane



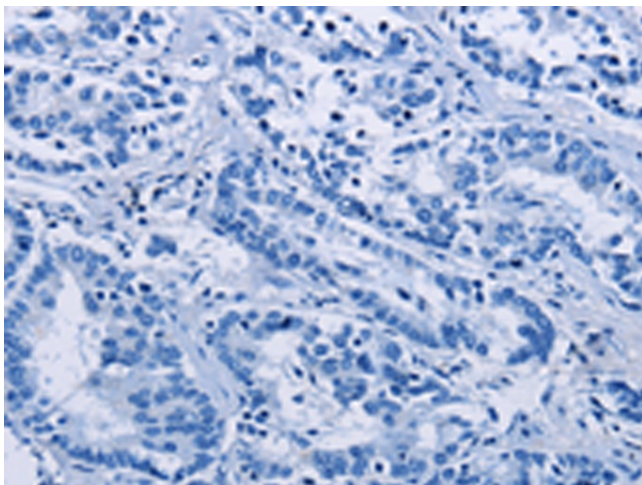
[View online »](#)

Protein Pathways: Leukocyte transendothelial migration

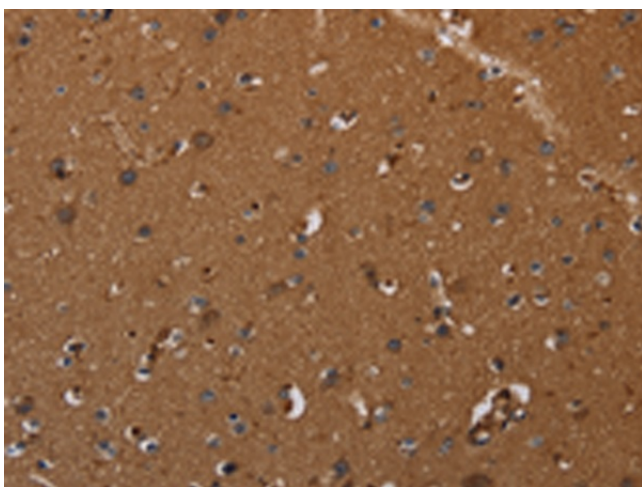
Product images:



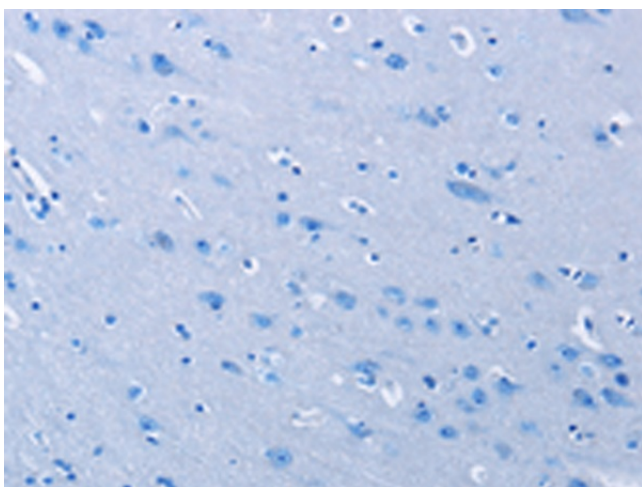
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351456 (CYBB Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351456 (CYBB Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351456 (CYBB Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351456 (CYBB Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)