

Nur für Forschungszwecke

CYB5R3 Monoklonaler Antikörper

Katalog-Nr.: 66022-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:

66022-1-Ig

Größe:

150ul, Konzentration: 1200 µg/ml von 1727

Nanodrop und 893 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG2b

Immunogen Katalognummer:

AG18096

GenBank-Zugangsnummer:

BC004821

GeneID (NCBI):

1727

Vollständiger Name:

cytochrome b5 reductase 3

Berechnete Masse:

33 kDa

Beobachtete Masse:

33 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

9C4D10

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IHC 1:1000-1:4000

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen, humanes Herzwertgewebe, humanes Plasmagewebe, L02-Zellen

IHC: humanes Leberkarzinomgewebe, humanes Lebergewebe, humanes Plazenta-Gewebe

IF: HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

CYB5R3, also named as DIA1 and B5R, belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. It plays an essential role in the mitochondrial metabolism by its contribution to cellular redox homeostasis. Overstimulation of CYB5R3 associated with lipid rafts can account for the overshoot of plasma membrane-focalized superoxide anion production that triggers the entry of CGN in the irreversible phase of apoptosis.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

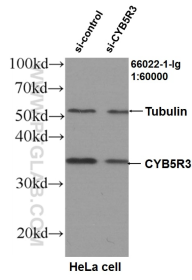
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

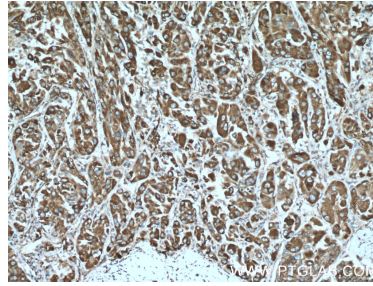
E: proteintech@ptglab.com
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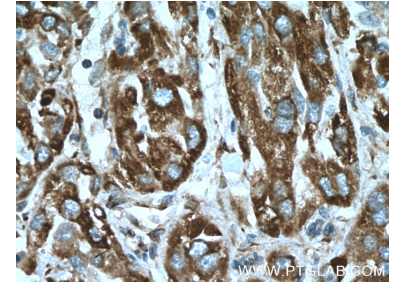
Ausgewählte Validierungsdaten



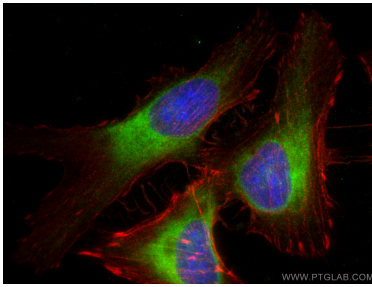
WB results of CYB5R3 antibody (66022-1-Ig, 1:60000) with si-Control and si-CYB5R3 transfected HeLa cells.



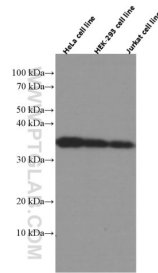
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66022-1-Ig (CYB5R3 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66022-1-Ig (CYB5R3 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CYB5R3 antibody (66022-1-Ig, Clone: 9C4D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Western blot analysis of CYB5R3-specific in various tissues using Proteintech antibody 66022-1-Ig at dilution of 1:40000 incubated at room temperature for 1.5 hours.