

CYB5A Antibody

Catalog No: #32830

Package Size: #32830-1 50ul #32830-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

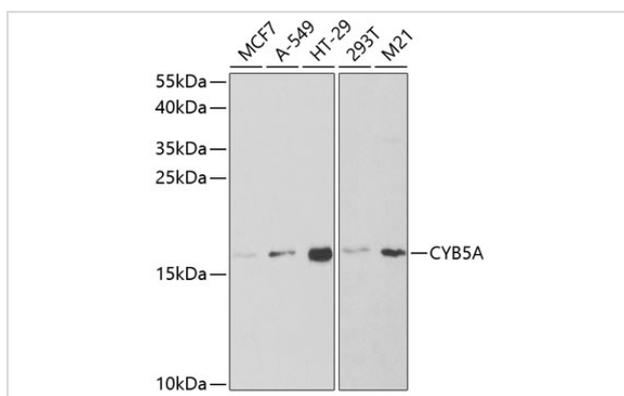
Description

Product Name	CYB5A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CYB5A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CYB5A.
Target Name	CYB5A
Other Names	CYB5; MCB5;
Accession No.	Swiss-Prot:P00167NCBI Gene ID:1528
Uniprot	P00167
GeneID	1528;
SDS-PAGE MW	15KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

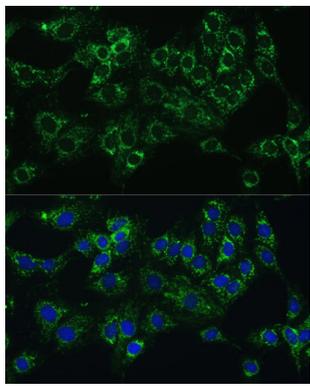
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

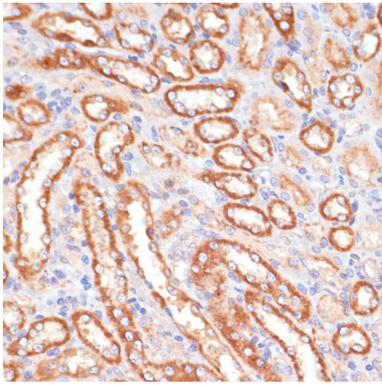
Images



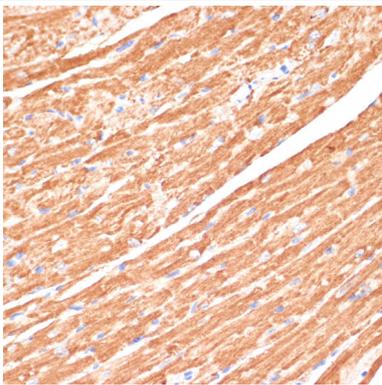
Western blot analysis of extracts of various cell lines, using CYB5A at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using CYB5A Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat kidney using CYB5A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using CYB5A at dilution of 1:100 (40x lens).

Background

The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. Defects in this gene are a cause of type IV hereditary methemoglobinemia. Three transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only