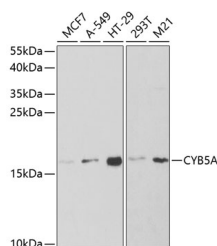


## CYB5A Polyclonal Antibody

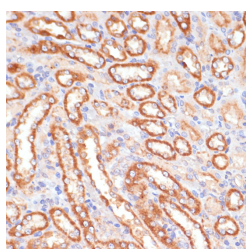
<b>Catalog No.</b>	E-AB-60945	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

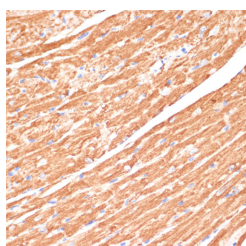
### Images



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



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



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

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human CYB5A (NP_683725.1).
<b>GeneID</b>	1528
<b>Swissprot</b>	P00167
<b>Synonyms</b>	CYB5A,CYB5,MCB5

### Product Information

<b>Calculated MW</b>	11kDa/14kDa/15kDa
<b>Observed MW</b>	17kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.