

Rabbit CYB5A Polyclonal Antibody | anti-CYB5A antibody

CYB5A Antibody

CATALOG # AAA168063	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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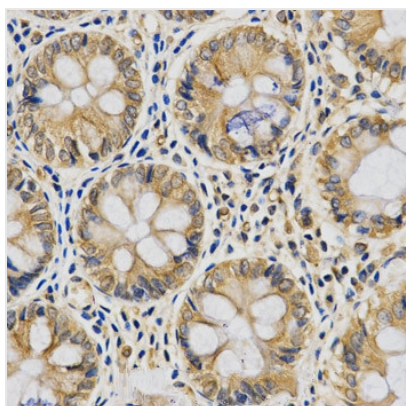
PRODUCT SYNONYMS

CYB5A; Polyclonal Antibody; CYB5A Antibody; CYB5; MCB5; anti-CYB5A antibody

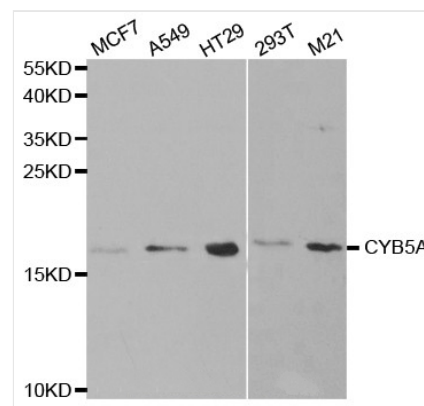
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	124
Applicable Applications for anti-CYB5A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CYB5A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9513 / sc-48470 / sc-33174
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using CYB5A antibody at dilution of 1:200 (x400 lens)


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYB5A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYB5A antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	299829246
NCBI GeneID	1528
NCBI Accession #	NP_001177736.1
NCBI GenBank Nucleotide #	NM_001190807.2
Molecular Weight	14,169 Da
NCBI Official Full Name	cytochrome b5 isoform 3
NCBI Official Synonym Full Names	cytochrome b5 type A (microsomal)
NCBI Official Symbol	CYB5A
NCBI Official Synonym Symbols	CYB5; MCB5
NCBI Protein Information	cytochrome b5; type 1 cyt-b5
UniProt Protein Name	Cytochrome b5
UniProt Gene Name	CYB5A
UniProt Synonym Gene Names	CYB5; MCB5
UniProt Entry Name	CYB5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyb5a-antibody-immunohistochemistry-western-blot-elisa/168063>