



Goat Anti-Human ABCB5 Polyclonal antibody (CPBT-67802GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

This product specifically recognises human ABCB5 (ATP-binding cassette sub-family B member 5), a P-glycoprotein and member of the conserved ABC transporter family, which acts as an energy-dependent efflux transporter for rhodamine. ABCB5 is primarily expressed by skin progenitor cells and shown to act as a regulator of cell fusion and determinant of membrane potential. Studies have revealed the expression of ABCB5 in human malignant melanoma tumours, and in particular its association with CD133+ stem cell phenotype-expressing cells. Western Blotting detects a band of approximately 80kDa in A431 cell lysates

Specificity	ABCB5
Immunogen	Peptide sequence C-QTQHRNTSKKAQ from the internal region of ABCB5 (NP_848654.3)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ABCB5 ATP-binding cassette, sub-family B (MDR/TAP), member 5 [Homo sapiens (human)]
Official Symbol	ABCB5
Synonyms	ABCB5; ATP-binding cassette, sub-family B (MDR/TAP), member 5; ABCB5beta; EST422562; ABCB5alpha; ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5; ATP-binding cassette protein;
Entrez Gene ID	340273
Protein Refseq	NP_001157413
UniProt ID	Q2M3G0
Chromosome Location	7p21.1
Pathway	ABC transporters; ABC-family proteins mediated transport; Transmembrane transport of small molecules;
Function	ATP binding; ATPase activity, coupled to transmembrane movement of substances; efflux transmembrane transporter activity;