

Rabbit P Glycoprotein Monoclonal Antibody | anti-PGY1 antibody

P Glycoprotein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312292	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

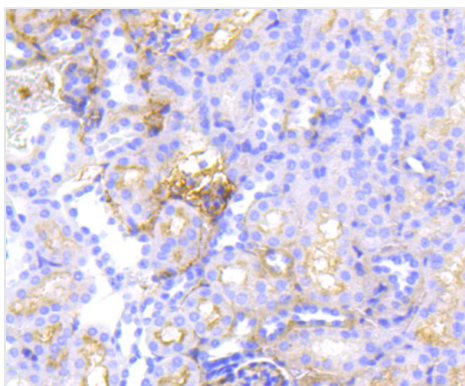
PRODUCT SYNONYMS

P Glycoprotein; Monoclonal Antibody; P Glycoprotein Antibody; ABC20 antibody; ABCB1 antibody; ATP binding cassette; sub family B (MDR/TAP); member 1 antibody; ATP-binding cassette sub-family B member 1 antibody; CD243 antibody; CLCS antibody; Colchicin sensitivity antibody; Doxorubicin resistance antibody; GP170 antibody; MDR1 antibody; MDR1_HUMAN antibody; Multidrug resistance 1 antibody; Multidrug resistance protein 1 antibody; P glycoprotein 1 antibody; P gp antibody; P-glycoprotein 1 antibody; PGY1 antibody; anti-PGY1 antibody

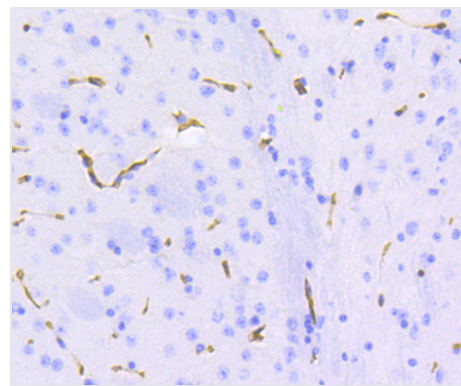
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN06-42
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PGY1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

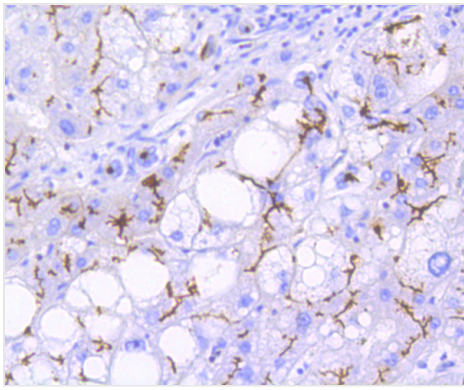
IMAGES


IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-P Glycoprotein antibody. Counter stained with hematoxylin.


IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-P Glycoprotein antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-PGY1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-PGY1 antibody	Cells selected for resistance to a single cytotoxic drug may become cross-resistant to a broad range of drugs with different structures and cellular targets. This phenomenon is called multiple drug resistance (MDR). The MDR proteins (Mdrs) are members of a highly conserved superfamily of ATP-binding cassette transport proteins. Mdr functions as an energy-dependent efflux pump for structurally diverse agents ranging from ions to peptides. It is implicated in the development of the multiple drug resistance observed in human cancer cells following prolonged chemotherapy. The classic form of MDR is associated with an increase in the Mdr protein, but not all cases of MDR can be attributed to a rise in Mdr levels. Mdr-1 is an apical transmembrane protein that is an integral part of the blood-brain barrier and functions as a drug-transport pump transporting a variety of drugs from the brain back into the blood. In the human population, there are 15 polymorphisms in the Mdr-1 gene.
Product Categories/Family for anti-PGY1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	42741659
NCBI GeneID	5243
NCBI Accession #	NP_000918.2
NCBI GenBank Nucleotide #	NM_000927.4
UniProt Accession #	P08183 ; Q12755 ; Q14812 ; A8K294
Molecular Weight	141kDa
NCBI Official Full Name	multidrug resistance protein 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family B (MDR/TAP), member 1
NCBI Official Symbol	ABCB1
NCBI Official Synonym Symbols	CLCS; MDR1; P-GP; PGY1; ABC20; CD243; GP170
NCBI Protein Information	multidrug resistance protein 1; P-glycoprotein 1; colchicin sensitivity; doxorubicin resistance
UniProt Protein Name	Multidrug resistance protein 1
UniProt Gene Name	ABCB1
UniProt Synonym Gene Names	MDR1; PGY1
UniProt Entry Name	MDR1_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/monoclonal/p-glycoprotein-antibody-clone-sn06-42-immunohistochemistry-western-blot-elisa/312292>