

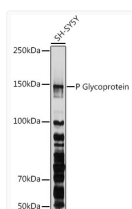
Anti-ABCB1 antibody (590-1280) (STJ113347)

GENERAL INFORMATION		
Product Type	Primary antibodies	
Applications	WB/IHC-P/IF/ICC/ELISA	
Host / Source	Rabbit	
Reactivity	Human/Mouse	

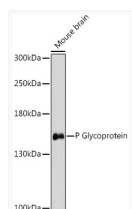
PRODUCT PROPERTIES		
Clonality	Polyclonal	
Concentration	Lot specific	
Conjugation	Unconjugated	
Purification	Affinity purification	
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.	
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.	
Isotype	IgG	
Molecular Weight	Protein Mw: 141kDa Observed Mw: 160kDa	
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.	

TARGET INFORMATION		
Gene ID	5243	
Gene Symbol	ABCB1	
UniProt ID	MDR1_HUMAN	
Immunogen Region	590-1280	
Immunogen Sequence	STVRNADVIAGFDDGVIVEK GNHDELMKEKGIYFKLVTMQ TAGNEVELENAADESKSEID ALEMSSNDSRSSLRKRSTR RSVRGSQAQDRKLSTKEALD	
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 590-689 of human P Glycoprotein (NP_000918.2).	

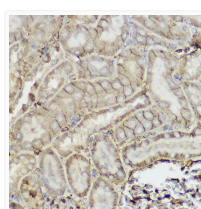
ADDITIONAL INFORMATION		
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.	



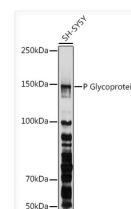
Western blot analysis of lysates from SH-SY5Y cells, using P Glycoprotein Rabbit pAb (STJ113347) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



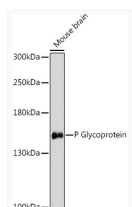
Western blot analysis of various lysates using P Glycoprotein Rabbit pAb (STJ113347) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



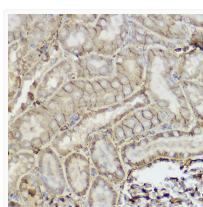
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using P Glycoprotein Rabbit pAb (STJ113347) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



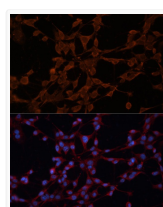
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Immunofluorescence analysis of NIH/3T3 cells using P Glycoprotein Rabbit pAb (STJ113347) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.