

## Anti-ABCG2 antibody (461-510 aa) (STJ97253)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IF/WB/IHC/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat/Mouse

### PRODUCT PROPERTIES

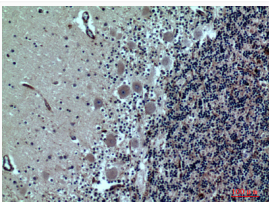
Clonality	Polyclonal
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution Range	IF 1:50-200 WB 1:500-1:2000 IHC-P 1:100-1:300 ELISA 1:10000
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Molecular Weight	Observed: 75kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

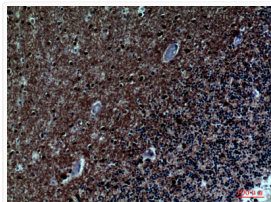
Gene ID	<a href="#">9429</a>
Gene Symbol	<a href="#">ABCG2</a>
UniProt ID	<a href="#">ABCG2_HUMAN</a>
Immunogen Region	461-510 aa
Specificity	ABCG2 Polyclonal Antibody detects endogenous levels of ABCG2 protein.

### ADDITIONAL INFORMATION

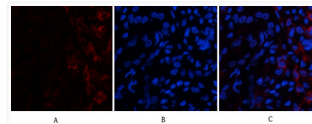
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



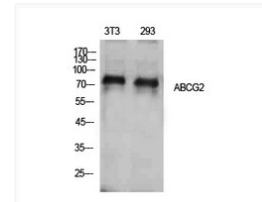
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



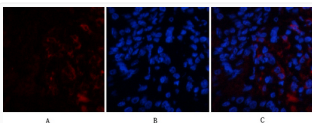
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



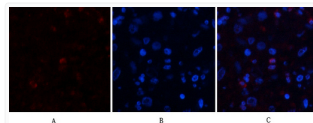
Immunofluorescence analysis of human-kidney tissue. 1, ABCG2 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



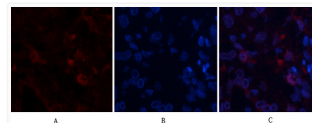
Western blot analysis of NIH-3T3, 293 cells using ABCG2 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



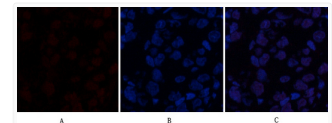
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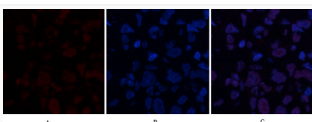
Immunofluorescence analysis of human-lung-cancer tissue. 1, ABCG2 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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Immunofluorescence analysis of human-breast-cancer tissue. 1, ABCG2 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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