

BCRP/ABCG2 Polyclonal ANTIBODY

Catalog Number: 10051-1-AP

7 Publications

Basic Information

Catalog Number:
10051-1-AP

Size:
130 µg/ml

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG0005

GenBank Accession Number:
BC021281

GeneID (NCBI):
9429

Full Name:
ATP-binding cassette, sub-family G (WHITE), member 2

Calculated MW:
70 kDa

Observed MW:
60-70 kDa

Recommended Dilutions:
IHC 1:20-1:200

Applications

Tested Applications:
IHC, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
dog, human

Positive Controls:

IHC : human meningioma tissue; human gliomas tissue

Background Information

BCRP (breast cancer resistance protein) confers a broad spectrum of drug resistance and the expression of BCRP is enhanced in several cancer cell models. It has ATPase activity and belongs to a family of multiple drug resistant proteins. Data also indicated that BCRP might be an early marker for some stem cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Manxin Xie	29567542	Biomed Pharmacother	WB
Ping Xie	28569775	Cell Death Dis	WB
Leiyuan He	28118809	Xenobiotica	WB

Storage

Storage:

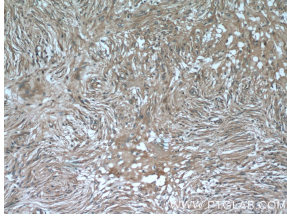
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

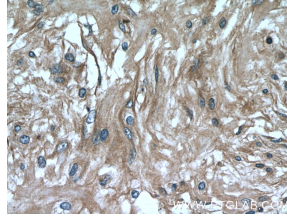
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemistry of paraffin-embedded human meningioma tissue slide using 10051-1-AP1 BCRP/ABCG2 antibody at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human meningioma tissue slide using 10051-1-AP1 BCRP/ABCG2 antibody at dilution of 1:50 (under 40x lens)