

Rabbit anti-Mouse BCRP/ABCG2 Polyclonal Antibody | anti-ABCG2 antibody

Anti-BCRP/ABCG2 Antibody, Rabbit Polyclonal

CATALOG # AAA255083	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

BCRP/ABCG2; Polyclonal Antibody; Anti-BCRP/ABCG2 Antibody; Rabbit Polyclonal; ABCG2 Antibody; Rabbit PAb; Antigen Affinity Purified; ATP-binding cassette; sub-family G (WHITE); member 2 (Junior blood group); Anti-ABC15 Antibody; Anti-ABCP Antibody; Anti-AI428558 Antibody; Anti-BCRP Antibody; Anti-Bcrp1 Antibody; Anti-MXR Antibody; Anti-MXR1 Antibody; anti-ABCG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse ABCG2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ABCG2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse ABCG2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse ABCG2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse ABCG2 in mouse liver with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse ABCG2 in mouse kidney with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCG2 antibody	ATP-binding cassette subfamily G member 2 (ABCG2), a member of the ABC transporter superfamily proteins. the expression of ABCG2 is related to tumorigenic cancer stem cells (CSC) in several cancers, mediates multidrug resistance (MDR) by transporting substrate anticancer drugs out of cancer cells and decreasing their intracellular accumulation. ABCB1 and ABCG2 are efflux transporters which have a major impact on the pharmacological behavior of numerous drugs. They are expressed in the intestine, liver, kidney, BBB and placenta. It has become evident that ABCB1 and ABCG2 modify the pharmaco/toxicokinetics in the placenta and fetus and may consequently affect the outcome of pregnancy.
Product Categories/Family for anti-ABCG2 antibody	Cardiac Stem Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	68052328
NCBI GeneID	26357
UniProt Accession #	Q7TMS5; Q9R004; Q9Z1T0
Molecular Weight	72,978 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 2
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family G (WHITE), member 2
NCBI Official Symbol	Abcg2
NCBI Official Synonym Symbols	MXR; ABCP; BCRP; MXR1; ABC15; Bcrp1; AI428558
NCBI Protein Information	ATP-binding cassette sub-family G member 2; urate exporter; mitoxantrone resistance protein 1; breast cancer resistance protein 1 homolog
UniProt Protein Name	ATP-binding cassette sub-family G member 2
UniProt Gene Name	Abcg2
UniProt Synonym Gene Names	Abcp; Bcrp1
UniProt Entry Name	ABCG2_MOUSE

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/polyclonal/bcrp-abcg2-antibody-immunohistochemistry-elisa/255083>