

Rabbit anti-Mouse, Rat ATP Binding Cassette Transporter G2 Polyclonal Antibody | anti-ABCG2 antibody

ATP Binding Cassette Transporter G2 (ABCG2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144949	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

ATP Binding Cassette Transporter G2; Polyclonal Antibody; ATP Binding Cassette Transporter G2 (ABCG2) Polyclonal Antibody; CDw338; CD338; ABC-G2; MRX; BCRP1; ABC15; ABCP; BCRP; BMDP; MXR; MXR1; Mitoxantrone resistance-associated protein; Breast Cancer Resistance Protein 1; Urate exporter; anti-ABCG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ABCG2. It has been selected for its ability to recognize ABCG2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	655
Applicable Applications for anti-ABCG2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	ABCG2 (Leu63~Leu349)
Quality Control	Content: The quality control contains recombinant ABCG2 (Leu63~Leu349) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse ABCG2
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6752944
NCBI GeneID	26357
NCBI Accession #	NP_036050.1
NCBI GenBank Nucleotide #	NM_011920.3
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 subfamily G member 2 (Junior blood group)
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
UniProt Protein Name	ATP-binding cassette sub-family G member 2
UniProt Gene Name	Abcg2
UniProt Synonym Gene Names	Abcp; Bcrp1

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/atp-binding-cassette-transporter-g2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144949>