

ABCG2

Reactivity:Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:72kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human ABCG2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MRX; MXR; ABCP; BCRP; BMDP; MXR1; ABC15; BCRP1; CD338; GOUT1; MXR-1; CDw338; UAQTL1; EST157481;

Catalog #:A5661

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9429

Isotype:IgG

Swiss Prot:Q9UNQ0

Purity:Affinity purification

For research use only.

Background:

The membrane-associated protein encoded by this gene is included in the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. Alternatively referred to as a breast cancer resistance protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug resistance. It likely serves as a cellular defense mechanism in response to mitoxantrone and anthracycline exposure. Significant expression of this protein has been observed in the placenta, which may suggest a potential role for this molecule in placenta tissue. Multiple transcript variants encoding different isoforms have been found for this gene.

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