

ABCG2(CD338) Antibody

Catalog No: #21476



Package Size: #21476-1 50ul #21476-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

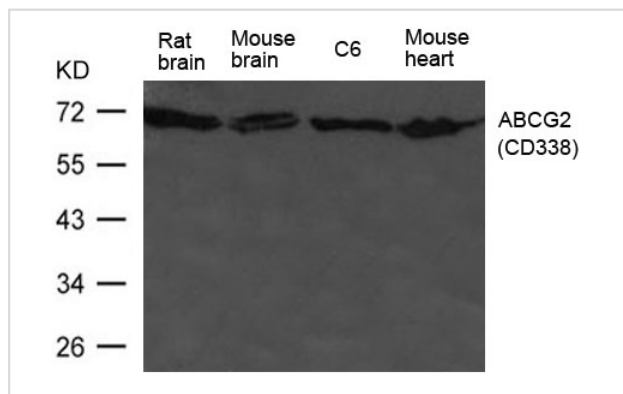
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|-----------------------|---|
| Product Name | ABCG2(CD338) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications | WB |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous level of total ABCG2(CD338) protein. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around aa.160~164(R-I-N-R-V) derived from Human ABCG2(CD338). |
| Target Name | ABCG2(CD338) |
| Other Names | BMDP; MRX; ABC15; ABCP; BCRP1 |
| Accession No. | Swiss-Prot: Q9UNQ0NCBI Protein: NP_004818.2 |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

Application Details

Predicted MW: 65-80kd

Western blotting: 1:500

Images



Western blot analysis of extract from HL-60 cells using ABCG2(CD338) Antibody #21476

Background

Xenobiotic transporter that may play an important role in the exclusion of xenobiotics from the brain. May be involved in brain-to-blood efflux. Appears

to play a major role in the multidrug resistance phenotype of several cancer cell lines. When overexpressed, the transfected cells become resistant to mitoxantrone, daunorubicin and doxorubicin, display diminished intracellular accumulation of daunorubicin, and manifest an ATP-dependent increase in the efflux of rhodamine 123.

Henriksen U., Gether U., Litman T.J. Cell Sci. 118:1417-1426(2005) Wakabayashi K., Nakagawa H., Tamura A., Koshiba S., Hoshijima K., Komada M., Ishikawa T. J. Biol. Chem. 282:27841-27846(2007)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.