

## ABCG2(CD338) Antibody

Catalog No: #21476

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

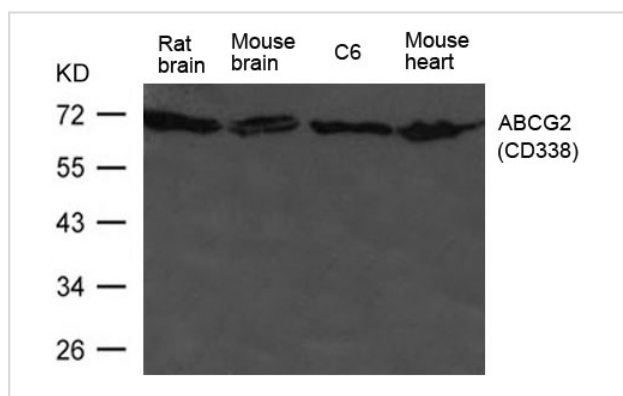
Product Name	ABCG2(CD338) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
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
Uniprot	Q9UNQ0
GeneID	9429;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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