

## ABCG2 polyclonal antibody

Catalog: BZ16338

Host: Rabbit

Reactivity: Human

### BackGround:

ABCG2 confers resistance for a variety of chemotherapeutic agents, including anthracyclines, mitoxantrone, bisantrene and topotecan. Play a major role in the multi-drug 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.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 72 kDa; Observed MW: 72 kDa

### Swiss-Prot:

Q9UNQ0

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

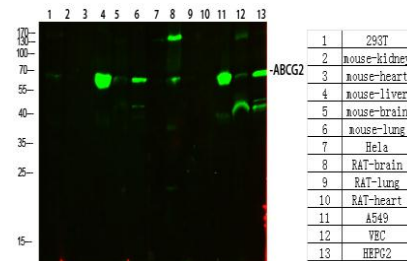
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

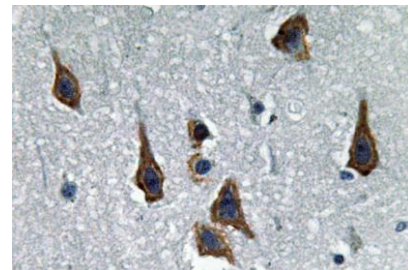
### Isotype:

IgG

### DATA:



Western blot analysis of ABCG2 in various lysates using ABCG2 antibody.



Western blot analysis of ABCG2 in various lysates using ABCG2 antibody.

Western blot analysis of ABCG2 in HT-29 lysates using ABCG2 antibody.

Immunohistochemistry analysis of paraffin-embedded Human brain using ABCG2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

### Note:

For research use only, not for use in diagnostic procedure.

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