

P Glycoprotein polyclonal antibody

Catalog: BS90995

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cells selected for resistance to a single cytotoxic drug may become cross-resistant to a broad range of drugs with different structures and cellular targets. This phenomenon is called multiple drug resistance (MDR). The MDR proteins (Mdrs) are members of a highly conserved superfamily of ATP-binding cassette transport proteins. Mdr functions as an energy-dependent efflux pump for structurally diverse agents ranging from ions to peptides. It is implicated in the development of the multiple drug resistance observed in human cancer cells following prolonged chemotherapy. The classic form of MDR is associated with an increase in the Mdr protein, but not all cases of MDR can be attributed to a rise in Mdr levels. Mdr-1 is an apical transmembrane protein that is an integral part of the blood-brain barrier and functions as a drug-transport pump transporting a variety of drugs from the brain back into the blood. In the human population, there are 15 polymorphisms in the Mdr-1 gene.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

180 kDa

Swiss-Prot:

P08183(Human) P06795(Mouse) P43245(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

IHC:1:50-1:200

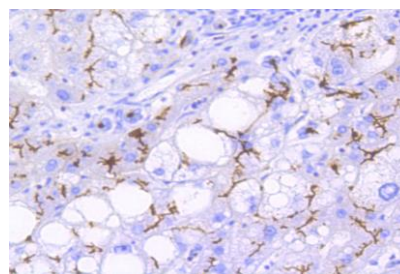
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

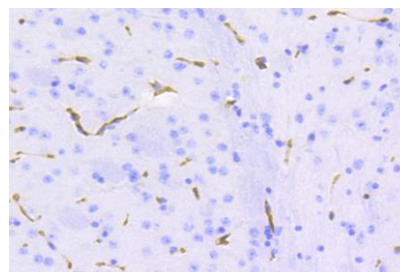
Specificity:

P Glycoprotein polyclonal antibody detects endogenous levels of P Glycoprotein protein.

DATA:



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-P Glycoprotein antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-P Glycoprotein antibody. Counter stained with hematoxylin.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151