

ORM1 polyclonal antibody

Catalog: BS90990

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

AGP (α 1-acid glycoprotein) is an acute phase plasma protein synthesized by the liver. It functions to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, it also mediates the extravasation of cells during infection and inflammation. Expression of AGP is induced by acute-phase stimulatory agents such as bacterial lipopolysaccharides. AGP has a high affinity, low capacity binding for basic drugs at physiological pH. In human plasma, AGP is found at levels of 0.5-1.4 mg/ml, though this is elevated during acute inflammation, and, as a result, levels of this protein can be used to diagnose inflammatory conditions. AGP-1 and AGP-2 contain five and six potential N-glycosylation sites, respectively. Abnormal expression of the APG-1 gene is linked to sarcoidosis and other immunogenetic diseases, while mutations in the APG-2 gene are associated with different types of carcinomas.

Product:

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

Molecular Weight:

35 kDa

Swiss-Prot:

P02763(Human) Q60590(Mouse) P02764(Rat)

Purification&Purity:

Protein affinity purified

Applications:

WB:1:500-1:2000

IHC:1:50-1:200

FC:1:50-1:100

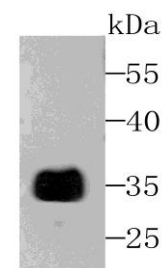
Storage&Stability:

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

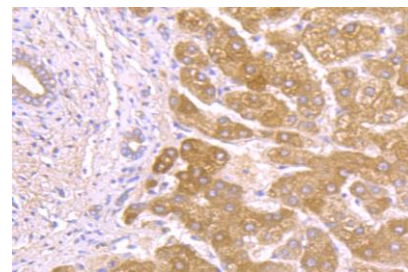
Specificity:

ORM1 polyclonal antibody detects endogenous levels of ORM1 protein.

DATA:



Western blot analysis of Alpha-1 Acid Glycoprotein on human liver tissue lysates using anti-Alpha-1 acid glycoprotein antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Alpha-1 Acid Glycoprotein antibody. Counter stained with hematoxylin.

Note:

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

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