

## ORM1 polyclonal antibody

Catalog: BS60547

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Alpha 1 acid glycoprotein (AGP) 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. These levels are elevated during acute inflammation; therefore AGP protein levels can be used to diagnose inflammatory conditions. Multiple AGP genes exist, including AGP 1, AGP 2, AGP 3 and AGP 8. 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:

~ 24 kDa

### Swiss-Prot:

P02763

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

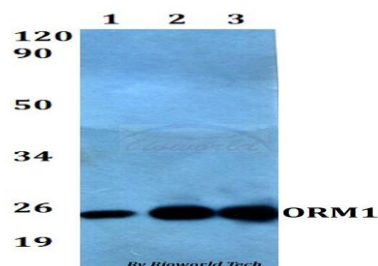
### Storage&Stability:

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

### Specificity:

ORM1 polyclonal antibody detects endogenous levels of ORM1 protein.

### DATA:



Western blot (WB) analysis of ORM1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

### Note:

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

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