

## AZGP1 polyclonal antibody

Catalog: BS60269

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

ZAG (Zn-a2-glycoprotein, also designated Zn-a2-gp) is a soluble, secreted protein found in serum and other body fluids (such as cerebrospinal fluid, blood plasma, urine and sweat). ZAG has a tendency to precipitate with zinc salts, has electrophoretic mobility in the region of the two globulins, and has 18% carbohydrate content. A member of the immunoglobulin superfamily, ZAG has a high degree of sequence similarity to class-I major histocompatibility complex (MHC) antigens. The ZAG structure includes a large groove analogous to class I MHC peptide binding grooves. The crystal structure of ZAG resembles a class I MHC heavy chain but does not bind the class I light chain b-2-Microglobulin, unlike other MHC related proteins. ZAG stimulates lipid degradation in adipocytes and its overexpression causes the extensive fat losses associated with some advanced cancers.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 44 kDa

### Swiss-Prot:

P25311

### 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:

AZGP1 polyclonal antibody detects endogenous levels of AZGP1 protein.

### DATA:



Western blot (WB) analysis of AZGP1 pAb at 1:500 dilution

Lane1: The Kidney tissue lysate of Rat(40ug)

Lane2: The Kidney tissue lysate of Mouse(40ug)

Lane3: HEK293T whole cell lysate(40ug)

Lane4: PC3 whole cell lysate(40ug)

### Note:

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

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