

## GSTO2 polyclonal antibody

Catalog: BS7853

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

GSTO1 (glutathione S-transferase omega 1), also known as p28 or GSTTLp28, is a 241 amino acid protein that localizes to the cytoplasm and contains both an N-terminal and a C-terminal GST domain. Expressed ubiquitously with highest expression in heart, liver and skeletal muscle, GSTO1 exists as a homodimer that functions as both a glutathione-dependent thiol transferase and a dehydroascorbate reductase. Specifically, GSTO1 catalyzes the reaction of glutathione with a wide variety of organic compounds to form thioethers, a process that is essential for the metabolism and detoxification of a variety of xenobiotics and carcinogens. Polymorphisms in the gene encoding GSTO1 may be associated with the development of childhood acute lymphoblastic leukemia, Parkinson's disease and Alzheimer disease. GSTO2 (glutathione S-transferase omega-2) is related to GSTO1 and is expressed in a variety of tissues throughout the body where it functions to catalyze the conversion of RX and glutathione to HX and R-S-glutathione.

### Product:

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

### Molecular Weight:

~ 28 kDa

### Swiss-Prot:

Q9H4Y5

### 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 - 1:2000

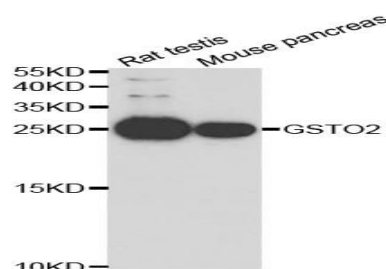
### Storage&Stability:

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

### Specificity:

GSTO2 polyclonal antibody detects endogenous levels of GSTO2 protein.

### DATA:



WesternBlot (WB) analysis of GSTO2 polyclonal antibody

### Note:

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

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