

MGST1 (R74) polyclonal antibody

Catalog: BS3879

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Microsomal glutathione transferase 1 (MGST1) is an abundant protein that catalyzes the conjugation of electrophilic compounds with glutathione, as well as the reduction of lipid hydroperoxides. The level of MGST1 mRNA in rat are highest in liver, while the levels of expression vary in non-hepatic tissues. In addition, the sub-cellular localization patterns of MGST1 are highly tissue specific. In hepatocytes and bile ducts, MGST1 is localized to the cytoplasm. MGST1 is localized to the nucleus in choroid plexus and primary spermatocytes and displays a granular cytoplasmic staining pattern in the adrenal medulla). Also, focal staining of MGST1 is observed in the distal tubules and collecting ducts of the liver.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 18 kDa

Swiss-Prot:

P10620

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

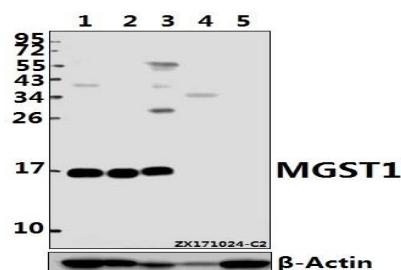
Storage&Stability:

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

Specificity:

MGST1 (R74) polyclonal antibody detects endogenous levels of MGST1 protein.

DATA:



Western blot (WB) analysis of MGST1 (R74) pAb at 1:1000 dilution

Lane1:HepG2 whole cell lysate(20ug)

Lane2:HCC827 whole cell lysate(10ug)

Lane3:The Liver tissue lysate of Rat(40ug)

Lane4:The Liver tissue lysate of Mouse(40ug)

Lane5:3T3-L1 whole cell lysate(40ug)

Note:

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

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