

## GST3 polyclonal antibody

Catalog: BS90607

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Glutathione S-transferases (GSTs) function in the metabolic detoxification of various environmental carcinogens and lipid hydroperoxides. In response to oxidative stress, upregulation of the GST family member GSTP1 occurs, consistent with this function. Furthermore, the GSTP1 gene is subject to CpG island hypermethylation, a state that correlates with human prostatic carcinogenesis. GSTP1 gene hypermethylation can be detected in urine, ejaculate and plasma from men with prostate cancer, potentially making GSTP1 a useful biomarker for prostate cancer screening.

### Product:

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

### Molecular Weight:

23 kDa

### Swiss-Prot:

P09211(Human) P19157(Mouse) P04906(Rat)

### Purification&Purity:

Protein affinity purified.

### Applications:

WB:1:500-1:1,000

ICC:1:500-1:1,000

IHC:1:50-1:200

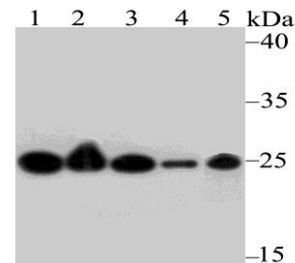
### Storage&Stability:

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

### Specificity:

GST3 polyclonal antibody detects endogenous levels of GST3 protein.

### DATA:



Western blot analysis of GST3 on different cell lysate using anti-GST3 antibody at 1/1,000 dilution.

Positive control:

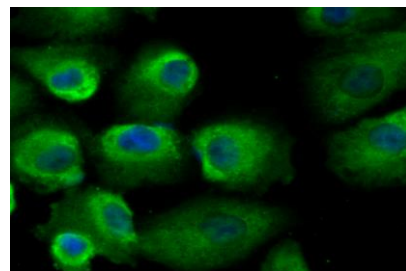
Lane1: Siha

Lane2: Hela

Lane3: A549

Lane4: Mouse kidney tissue

Lane5: Rat liver tissue



ICC staining GST3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

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

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