

Anti-Human GSTA1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04908

3th Edition

Description: GSTA1 (Glutathione S-Transferase Alpha 1) is a Protein Coding gene. Diseases associated with GSTA1 include Ovarian Endodermal Sinus Tumor and Ovarian Primitive Germ Cell Tumor. Among its related pathways are Glutathione metabolism and Platinum drug resistance. GO annotations related to this gene include glutathione transferase activity. An important paralog of this gene is GSTA2. This gene encodes a member of a family of enzymes that function to add glutathione to target electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. This action is an important step in detoxification of these compounds. This subfamily of enzymes has a particular role in protecting cells from reactive oxygen species and the products of peroxidation. Polymorphisms in this gene influence the ability of individuals to metabolize different drugs. This gene is located in a cluster of similar genes and pseudogenes on chromosome 6. Alternative splicing results in multiple transcript variants.

Antigen: Synthetic peptide from human protein

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Liver.