谷胱甘肽硫转移酶 pi 基因 Glutathione S Transferase pi 抗体

产品货号： mlR23151R

英文名称：GSTP1

中文名称：谷胱甘肽硫转移酶 pi 基因/Glutathione S Transferase pi 抗体

别　　名：Glutathione S-Transferase pi; GST-Pi; DFN7; Gst-P1; FAEES3; Fatty Acid Ethyl Ester Synthase III; Glutathione S Transferase Pi; GST3; GSTP1; GST pi; PI; GSTP1_MOUSE.

研究领域：肿瘤　细胞生物　免疫学　神经生物学　转录调节因子

抗体来源：Rabbit

克隆类型：Polyclonal

交叉反应：　Mouse, Rat,

产品应用：WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 23kDa

细胞定位 : 细胞浆

性　　状 : Lyophilized or Liquid

浓　　度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from mouse GSTP1:81-180/210

亚　　型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍： Glutathione S-transferases (GSTs) function in the metabolic detoxification of various environmental carcinogens and lipid hydroperoxides. Members of the murine GSTP (glutathione S-transferase pi) family, termed Gstp1 and Gstp2, are linked to drug resistance and are markers for many cancers. Gstp proteins modulate cell signaling by interacting with c-Jun N-terminal kinase (JNK), and may play a protective role in the development of spontaneous tumors. Gstp has been found in substantia nigra and may be associated with reactive oxygen species-induced neurological disorders such as Parkinson's disease and may additionally protect against endothelial dysfunction induced by tobacco smoke exposure.

Function:

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

Subunit:

Homodimer.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the GST superfamily. Pi family.

Contains 1 GST C-terminal domain.

Contains 1 GST N-terminal domain.

SWISS:

P09211

Gene ID:

14870

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

GST-Pi 是 GST 家族中的一种主要的同工酶，广泛存在于全身器官中，尤以肝肾含量高，具有解毒功能。在多种肿瘤中高表达。目前认为是肿瘤细胞产生耐药的一种标记，与肿瘤的耐药（阿霉素、顺铂、氮芥、环磷酰胺和瘤可宁等）有关。该抗体主要用于细胞耐药方面的研究。

产品图片