

Product datasheet

Anti-GSTM1 + GSTM2 antibody ab27489

3 References 1 图像

概述

产品名称	Anti-GSTM1 + GSTM2抗体
描述	山羊多克隆抗体to GSTM1 + GSTM2
宿主	Goat
特异性	This antibody is expected to recognise both reported variants of human GSTM1 protein (NP_000552; NP_666533) and GSTM2 protein (NP_000848).
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human 预测可用于: Chimpanzee, Cynomolgus monkey 
免疫原	Synthetic peptide: CVFSKMAVWGNIK from the C Terminus of the protein (Human). Run BLAST with Run BLAST with
阳性对照	Human liver and lung lysates for Western blot.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 5mg/ml Tris, pH 7.3
纯度	Immunogen affinity purified
纯化说明	This antibody purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab27489** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		1/1000.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).

靶标

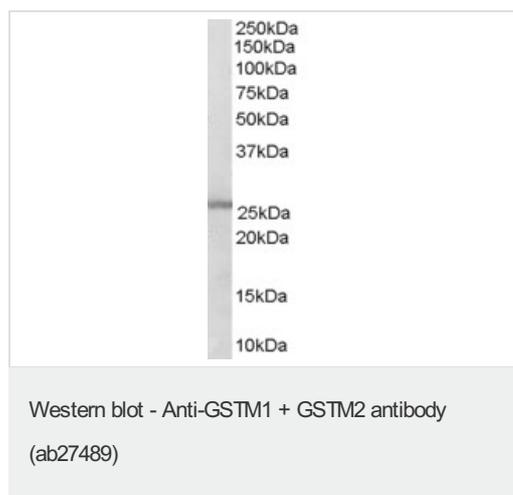
相关性

Glutathione S transferases are encoded by two distinct supergene families and a total of eight distinct classes of the soluble cytoplasmic mammalian glutathione S transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. The mu class of these enzymes, to which GSTM1 and 2 belong, functions in the detoxification of electrophilic compounds by conjugation with glutathione. The genes encoding the mu class of enzymes are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of certain drugs and null mutations of this gene have been linked with an increase in a number of cancers.

细胞定位

Cytoplasmic

图片



Anti-GSTM1 + GSTM2 antibody (ab27489) at 0.3 µg/ml + human lung lysate (35µg protein in RIPA buffer).

Predicted band size: 26 kDa

Observed band size: 26 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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