


Product datasheet

Anti-GSTM1 + GSTM2 antibody ab27489

3 References 1 图像

概述

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

性能

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

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