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Rabbit anti GST-Tag pAb

货号: AYP25140

产品信息

反应	All
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens , Solanum tuberosum , Rattus norvegicus , Dendroaspis polylepis **IP:** Mus musculus , Homo sapiens **IF:** Mus musculus **pull-down:** Gallus gallus **Co-IP:** Homo sapiens,Mus musculus
应用	WB IP
推荐浓度	**WB:** 1:1000 - 1:2000 **IP:** 1:2000 - 1:10000
理论分子量	26kDa
实测分子量	27KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	GST,GST fusion protein
细胞定位	
纯化	Affinity purification

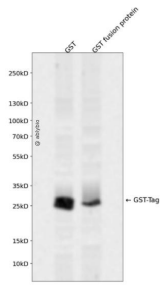
抗原信息

抗原信息	Recombinant protein containing a sequence corresponding to amino acids 1-218 of GST protein.

靶点信息

研究背景	Glutathione S-transferases (GSTs), previously known as ligandins, comprise a family of eukaryotic and prokaryotic phase II metabolic isozymes best known for their ability to catalyze the conjugation of the reduced form of glutathione (GSH) to xenobiotic substrates for the purpose of detoxification. The GST family consists of three superfamilies: the cytosolic, mitochondrial, and microsomal—also known as MAPEG—proteins. Members of the GST superfamily are extremely diverse in amino acid sequence, and a large fraction of the sequences deposited in public databases are of unknown function. The Enzyme Function Initiative (EFI) is using GSTs as a model superfamily to identify new GST functions.A GST-tag is often used to separate and purify proteins that contain the GST-fusion protein. The tag is 220 amino acids (roughly 26 KDa) in size, which, compared to tags such as the Myc-tag or the FLAG-tag, is quite large. It can be fused to either the N-terminus or C-terminus of a protein. However, many commercially available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.
基因ID	
基因名	
Swiss	
别名	GST,GST tag,GST-tag,Rabbit anti GST-Tag pAb

产品验证



Western blot analysis of GST-Tag expressed in GST,GST fusion protein using Rabbit anti GST-Tag pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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