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ADH5/GSNOR Rabbit pAb

货号: **AYP17881**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	39kDa
实测分子量	38kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,U-937
细胞定位	Cytoplasm
纯化	Affinity purification

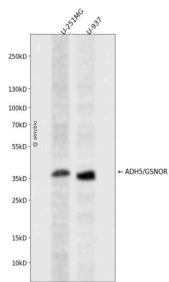
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-374 of human ADH5/GSNOR (NP_000662.3).
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靶点信息

研究背景	This gene encodes a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxy methyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes lacrymation, rhinitis, pharyngitis, and contact dermatitis. The human genome contains several non-transcribed pseudogenes related to this gene.
基因ID	128
基因名	ADH5
Swiss	P11766 (https://www.uniprot.org/uniprotkb/P11766/entry)
别名	ADH5,ADH-3,ADHX,FALDH,FDH,GSH-FDH,GSNOR,HEL-S-60p,ADH5/GSNOR Rabbit pAb,Alcohol dehydrogenase 5,Alcohol dehydrogenase class chi chain,Alcohol dehydrogenase class-III,Glutathione-dependent formaldehyde dehydrogenase,S-(hydroxymethyl)glutathione dehydrogenase

产品验证



Western blot analysis of ADH5/GSNOR expressed in U-251MG,U-937 using ADH5/GSNOR Rabbit 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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