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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℃. 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

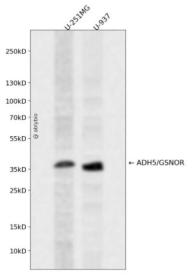
抗原信息

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

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 p eroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxid ation, 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 im portant component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensit izing agent that causes lacrymation, rhinitis, pharyngitis, and contact dermatitis. The human genome con tains several non-transcribed pseudogenes related to this gene.
基因**ID**	128
基因名	ADH5
Swiss	P11766
别名	ADH5;ADH-3;ADHX;FALDH;FDH;GSH-FDH;GSNOR;HEL-S-60p

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 lan e. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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