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Datasheet for ABIN1387990

anti-DHRS4 antibody (AA 161-278)





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Quantity:	100 μL
Target:	DHRS4
Binding Specificity:	AA 161-278
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHRS4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DHRS4
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	DHRS4
Alternative Name:	Dhrs4 (DHRS4 Products)
Background: Synonyms: NDRD, RRD, Al043103, Al790593, Carbonyl reductase, CR, D14Ucla2,	

NADPH dependent carbonyl reductase/NADP retinol dehydrogenase, NADPH dependent retinol dehydrogenase/reductase, NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase, NADPH-dependent retinol dehydrogenase/reductase, NRDR, Peroxisomal short chain alcohol dehydrogenase, Peroxisomal short-chain alcohol dehydrogenase, PHCR, PRO1800, PSCD, SCAD-SRL, SCADSRL, Short chain dehydrogenase/reductase family member 4, Short-chain dehydrogenase/reductase family member 4, UNQ851.

Background: Reduces all-trans-retinal and 9-cis retinal. Can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Reduces alkyl phenyl ketones and alpha-dicarbonyl compounds with aromatic rings, such as pyrimidine-4-aldehyde, 3-benzoylpyridine, 4-benzoylpyridine, menadione and 4-hexanoylpyridine. Has no activity towards aliphatic aldehydes and ketones. Tissue specificity: Isoform 1 is predominantly expressed in normal cervix (at protein level). Isoform 4 is expressed in some neoplastic cervical tissues, but not in normal cervix (at protein level). Isoform 5 and isoform 6 are expressed in a few neoplastic cervical tissues.

Dehydrogenase/reductase SDR family member 4, Dhrs4, DHRS4_HUMAN, humNRDR antibody

Gene ID:

10901

Application Details

Application Notes: WB 1:300-5000

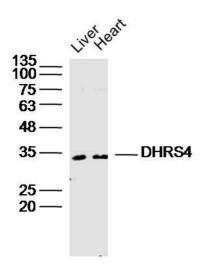
ELISA 1:500-1000

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: Mouse Liver lysates Lane 2: Mouse Heart lysates probed with DHRS4 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.