Datasheet for ABIN1398148

anti-DHRS4 antibody (Alexa Fluor 488)

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Overview

Quantity:	100 µL
Target:	DHRS4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHRS4 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB)

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, AI043103, AI790593, Carbonyl reductase, CR, D14Ucla2, Dehydrogenase/reductase SDR family member 4, Dhrs4, DHRS4_HUMAN, humNRDR antibody

Target Details

	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.
Gene ID:	10901

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months