

DATASHEET

DHRS9 Rabbit Polyclonal Antibody

CAT. NO. APA13412

KEY FEATURES

Target	DHRS9	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone . Also plays a role in the biosynthesis of retinoic acid from retinaldehyde . Can utilize both NADH and NADPH.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to DHRS9
Specificity	Recognizes endogenous levels of DHRS9 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DHRS9
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 18; Observed: 35 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Dehydrogenase/reductase SDR family member 9; 3-alpha hydroxysteroid dehydrogenase; 3-alpha-HSD; NADP-dependent retinol dehydrogenase/reductase; RDH-E2; RDHL; Short-chain dehydrogenase/reductase retSDR8; Tracheobronchial epithelial cell-specific retinol dehydrogenase; RDH-TBE
Gene Symbol	DHRS9
Entrez Gene	10170(Human); 241452(Mouse); 170635(Rat)
SwissProt	Q9BPW9(Human); Q58NB6(Mouse); Q8VD48(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

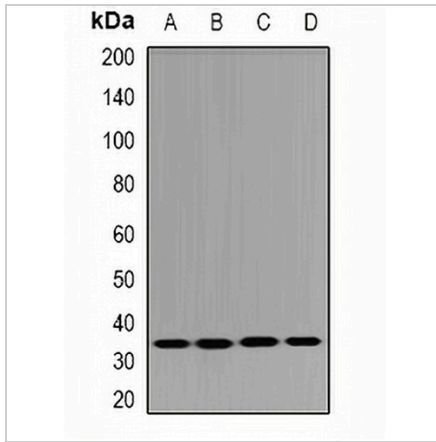
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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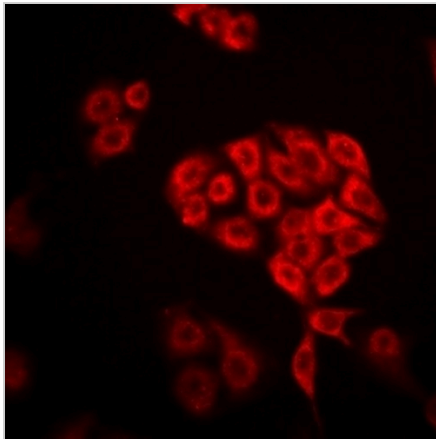
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Western blot analysis of DHRS9 expression in HT29 (A), THP1 (B), mouse pancreas (C), rat trachea (D) whole cell lysates. (Predicted band size: 18; 30; 35; 41 kD; Observed band size: 35 kD)



Immunofluorescent analysis of DHRS9 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.