abcam

Product datasheet

Anti-DHRS9 antibody ab126074

1 Image

Overview

Product name	Anti-DHRS9 antibody
Description	Rabbit polyclonal to DHRS9
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 22-287 of Human DHRS9 (Q9BPW9).
Positive control	WB: NT2/D1 and SK-N-SH whole cell lysates.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab126074 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 35 kDa.

Target

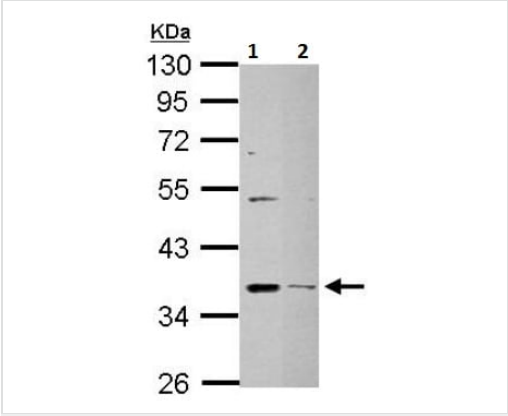
Function 3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. May play a role in the biosynthesis of retinoic acid from retinaldehyde, but seems to have low activity with retinoids. Can utilize both NADH and NADPH.

Tissue specificity Highly expressed in trachea and epidermis. Detected at lower levels in spinal cord, bone marrow, brain, tongue, esophagus, heart, colon, testis, placenta, lung, skeletal muscle and lymph node.

Sequence similarities Belongs to the short-chain dehydrogenases/reductases (SDR) family.

Cellular localization Microsome membrane. Endoplasmic reticulum membrane. Associated with microsomal membranes.

Images



Western blot - Anti-DHRS9 antibody (ab126074)

All lanes : Anti-DHRS9 antibody (ab126074) at 1/1000 dilution

Lane 1 : NT2/D1 (human embryonal testis carcinoma cell line) whole cell lysate

Lane 2 : SK-N-SH (human neuroblastoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 35 kDa

10% SDS PAGE

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