

Anti-RDH11(Retinol dehydrogenase 11) Polyclonal Antibody

Cat. #: 60B273

Description:

RDH11(Retinol dehydrogenase 11) exhibits an oxidoreductive catalytic activity towards retinoids. RDH11 is most efficient as an NADPH-dependent all-trans-retinal reductase. RDH11 is also involved in the metabolism of short-chain aldehydes. RDH11 is located in endoplasmic reticulum and is expressed at higher level in liver and testis and is expressed at lower levels in smooth muscle, thymus, submaxillary gland and epididymis. In testis, expression is restricted to pachytene spermatocytes. RDH11 is also expressed in four layers of the retina, including the outer segment of rods and cones. RDH11 belongs to the short-chain dehydrogenases/reductases (SDR) family.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse short-chain aldehyde dehydrogenase; androgen-regulated short-chain dehydrogenase/reductase 1

References

Kasus-Jacobi, et al, J. Biol. Chem. 278 (34), 32380-32389 (2003)
Moore, S., et al, Gene 293 (1-2), 149-160 (2002)
Hara, T., et al, Blood 84 (1), 189-199 (1994)

Species: mouse

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)