

RDH16 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5456a**Specification**

RDH16 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O75452](#)
Other Accession [NP_003699.3](#)

RDH16 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 8608

Other Names

Retinol dehydrogenase 16, 11--, Microsomal NAD(+)-dependent retinol dehydrogenase 4, RoDH-4, Sterol/retinol dehydrogenase, RDH16, RODH4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RDH16 Antibody (N-term) Blocking peptide - Protein Information

Name RDH16 ([HGNC:29674](#))

Function

Oxidoreductase with a preference for NAD. Oxidizes all-trans- retinol, 9-cis-retinol, 11-cis-retinol and 13-cis-retinol to the corresponding aldehydes (PubMed:10329026, PubMed:12534290, PubMed:9677409). Has higher activity towards CRBP-bound retinol than with free retinol (PubMed:12534290). Oxidizes also 3-alpha- hydroxysteroids. Oxidizes androstanediol and androsterone to dihydrotestosterone and androstanedione. Can also catalyze the reverse reaction (PubMed:10329026, PubMed:9677409, PubMed:29541409).

Cellular Location

Microsome membrane. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:O54909}; Single- pass membrane protein

Tissue Location

Highly expressed in adult liver (at protein level) (PubMed:9677409). Detected in endometrium, liver and foreskin (PubMed:10329026, PubMed:11967490). Detected in the spinous layers of adult skin, and at lower levels in basal and granular skin layers (PubMed:10329026). Detected in fetal liver and lung

RDH16 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RDH16 Antibody (N-term) Blocking peptide - Images