

RDH10 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP4738c**Specification**

RDH10 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8IZV5](#)

RDH10 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 157506

Other Names

Retinol dehydrogenase 10, RDH10

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.

RDH10 Antibody (Center) Blocking Peptide - Protein Information

Name RDH10

Synonyms SDR16C4

Function

Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol.

Cellular Location

Microsome membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass membrane protein

Tissue Location

Detected in retina, kidney, liver, small intestine, placenta, lung, heart and skeletal muscle

RDH10 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RDH10 Antibody (Center) Blocking Peptide - Images**RDH10 Antibody (Center) Blocking Peptide - Background**

RDH10 generates all-trans retinal from all-trans retinol and may play an important role in the photic visual cycle. All-trans retinal is isomerized to 11-cis retinal by the retinal G protein-coupled receptor (RGR; MIM 600342) when the retinal pigment epithelium (RPE) is illuminated.

RDH10 Antibody (Center) Blocking Peptide - References

Bankovic, J., et al. Lung Cancer 67(2):151-159(2010)Takahashi, Y., et al. Biochem. J. 419(1):113-122(2009)Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009)