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# RDH13 Antibody (Center) Blocking peptide
**Synthetic peptide**
**Catalog # BP12029c**

## Specification

### RDH13 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q8NBN7

### RDH13 Antibody (Center) Blocking peptide - Additional Information

**Gene ID** 112724

**Other Names**
Retinol dehydrogenase 13, 111-, RDH13

**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.

### RDH13 Antibody (Center) Blocking peptide - Protein Information

**Name** RDH13

**Synonyms** SDR7C3

**Function**
Retinol dehydrogenase with a clear preference for NADP. Oxidizes all-trans-retinol, but seems to reduce all-trans-retinal with much higher efficiency (PubMed:<a href="http://www.uniprot.org/citations/18039331" target="_blank">18039331</a>). Has no activity toward steroids (PubMed:<a href="http://www.uniprot.org/citations/18039331" target="_blank">18039331</a>).

**Cellular Location**
Mitochondrion inner membrane; Peripheral membrane protein. Note=Localized on the outer side of the inner mitochondrial membrane.

**Tissue Location**
Widely expressed (PubMed:18039331). In the retina, detected in the inner segment of the photoreceptor cells. Weak signals are observed in a small population of inner nuclear neurons and the inner plexiform layer (PubMed:12226107).

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## RDH13 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

## RDH13 Antibody (Center) Blocking peptide - Images

## RDH13 Antibody (Center) Blocking peptide - Background

This gene encodes a mitochondrial short-chaindehydrogenase/reductase, which catalyzes the reduction andoxidation of retinoids. The encoded enzyme may function in retinoicacid production and may also protect the mitochondria againstoxidative stress. Alternatively spliced transcript variants havebeen described.

## RDH13 Antibody (Center) Blocking peptide - References

Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :Belyaeva, O.V., et al. FEBS J. 275(1):138-147(2008)Haeseleer, F., et al. J. Biol. Chem. 277(47):45537-45546(2002)