

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

RDH13 Antibody (Center) Blocking peptide - Product InformationPrimary 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:18039331). Has no activity toward steroids (PubMed:18039331).

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).

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-chain dehydrogenase/reductase, which catalyzes the reduction and oxidation of retinoids. The encoded enzyme may function in retinoic acid production and may also protect the mitochondria against oxidative stress. Alternatively spliced transcript variants have been 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)