10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RDH14 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9542a

Specification

RDH14 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9HBH5

RDH14 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 57665

Other Names
Retinol dehydrogenase 14, 111-, Alcohol dehydrogenase PAN2, RDH14, PAN2

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.

RDH14 Antibody (N-term) Blocking Peptide - Protein Information

Name RDH14

Synonyms PAN2, SDR7C4

Function
Retinol dehydrogenase with a clear preference for NADP. Displays high activity towards 9-cis, 11-cis and all-trans-retinol. Shows a very weak activity towards 13-cis-retinol. Has no activity towards steroid.

Tissue Location
Widely expressed..

RDH14 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RDH14 Antibody (N-term) Blocking Peptide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RDH14 Antibody (N-term) Blocking Peptide - Background

RDH14 exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. It displays high activity toward 9-cis and all-trans-retinol. No steroid dehydrogenase activity detected.

RDH14 Antibody (N-term) Blocking Peptide - References

??ersson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :??an Es, M.A., et al. Nat. Genet. 40(1):29-31(2008)??chymick, J.C., et al. Lancet Neurol 6(4):322-328(2007)??lark, H.F., et al. Genome Res. 13(10):2265-2270(2003)??omarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003)