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# DHRS3 Antibody (Center) Blocking Peptide

**Synthetic peptide**
**Catalog # BP9188c**

## Specification

### DHRS3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O75911

### DHRS3 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 9249

**Other Names**
Short-chain dehydrogenase/reductase 3, DD831, Retinal short-chain dehydrogenase/reductase 1, retSDR1, DHRS3

**Target/Specificity**
The synthetic peptide sequence used to generate the antibody <a href=/products/AP9188c>AP9188c</a> was selected from the Center region of human DHRS3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

### DHRS3 Antibody (Center) Blocking Peptide - Protein Information

**Name** DHRS3

**Synonyms** RDH17, SDR16C1

**Function**
Catalyzes the reduction of all-trans-retinal to all-trans- retinol in the presence of NADPH.

**Cellular Location**
Membrane; Multi-pass membrane protein

**Tissue Location**
Widely expressed with highest levels found in heart, placenta, lung, liver, kidney, pancreas, thyroid, testis, stomach, trachea and spinal cord. Lower levels found in skeletal muscle, intestine and lymph node. No expression detected in brain. In the retina, expressed in cone but not rod

outer segments

## DHRS3 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

## DHRS3 Antibody (Center) Blocking Peptide - Images

## DHRS3 Antibody (Center) Blocking Peptide - Background

DHRS3 catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids.

## DHRS3 Antibody (Center) Blocking Peptide - References

Persson,B., et.al., Chem. Biol. Interact. 178 (1-3), 94-98 (2009)Roni,V., et.al., BMC Genomics 8, 42 (2007)