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SFRP5 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6991c

Specification

SFRP5 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q5T4F7

SFRP5 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6425

Other Names
Secreted frizzled-related protein 5, sFRP-5, Frizzled-related protein 1b, FRP-1b, Secreted apoptosis-related protein 3, SARP-3, SFRP5, FRP1B, SARP3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6991c was selected from the Center region of human SFRP5. 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.

SFRP5 Antibody (Center) Blocking Peptide - Protein Information

Name SFRP5

Synonyms FRP1B, SARP3

Function
Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP5 may be involved in determining the polarity of photoreceptor, and perhaps, other cells in the retina.

Cellular Location
Secreted.

Tissue Location

Highly expressed in the retinal pigment epithelium (RPE) and pancreas. Weak expression in heart, liver and muscle

SFRP5 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

SFRP5 Antibody (Center) Blocking Peptide - Images

SFRP5 Antibody (Center) Blocking Peptide - Background

Secreted frizzled-related protein 5 (SFRP5) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina.

SFRP5 Antibody (Center) Blocking Peptide - References

Deloukas,P., et.al., Nature 429 (6990), 375-381 (2004)