

Anti-SFRP2 Picoband Antibody

Catalog # ABO12053

Product Information

Application	WB, E
Primary Accession	Q96HF1
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Secreted frizzled-related protein 2(SFRP2) detection. Tested with WB, ELISA in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6423
Other Names	Secreted frizzled-related protein 2, FRP-2, sFRP-2, Secreted apoptosis-related protein 1, SARP-1, SFRP2, FRP2, SARP1
Calculated MW	33490
Application Details	Western blot, 0.1-0.5 µg/ml, Human, - ELISA , 0.1-0.5 µg/ml, Human
Subcellular Localization	Secreted .
Tissue Specificity	Expressed in adipose tissue, heart, brain, skeletal muscle, pancreas, thymus, prostate, testis, ovary, small intestine and colon. Highest levels in adipose tissue, small intestine and colon. .
Source	Eukaryota
Protein Name	Secreted frizzled-related protein 2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived human SFRP2 recombinant protein (Position: L104-C295). Human SFRP2 shares 99% amino acid (aa) sequence identity with mouse SFRP2.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.

Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the secreted frizzled-related protein (sFRP) family.

Protein Information

Name	SFRP2
Synonyms	FRP2, SARP1
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. SFRP2 may be important for eye retinal development and for myogenesis.
Cellular Location	Secreted.
Tissue Location	Expressed in adipose tissue, heart, brain, skeletal muscle, pancreas, thymus, prostate, testis, ovary, small intestine and colon. Highest levels in adipose tissue, small intestine and colon

Background

SFRP2 is also known as FRP-2, SARP1 or SDF-5. It is expressed in adipose tissue, heart, brain, skeletal muscle, pancreas, thymus, prostate, testis, ovary, small intestine and colon. Highest levels in adipose tissue, small intestine and colon. This gene encodes 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. Methylation of this gene is a potential marker for the presence of colorectal cancer. □

Images



Anti- SFRP2 Picoband antibody, ABO12053, Western blotting
 All lanes: Anti SFRP2 (ABO12053) at 0.5ug/ml
 Lane 1: COLO320 Whole Cell Lysate at 40ug
 Lane 2: SW620 Whole Cell Lysate at 40ug
 Predicted bind size: 33KD
 Observed bind size: 33KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.