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

Anti-SFRP2 Picoband Antibody

Catalog # ABO12053

Specification

Anti-SFRP2 Picoband Antibody - 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.

Anti-SFRP2 Picoband Antibody - 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 MW KDa

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. .

Protein Name
Secreted frizzled-related protein 2

Contents
Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen
E.coli-derived human SFRP2 recombinant protein (Position: L104-C295). Human SFRP2Â sharesÂ 99%Â aminoÂ acidÂ (aa)Â sequenceÂ identityÂ with mouse SFRP2.

Purification
Immunogen affinity purified.

Cross Reactivity
No cross reactivity with other proteins.

Storage **At -20˚C for one year. After r˚Constitution, 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.

Anti-SFRP2 Picoband Antibody - 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

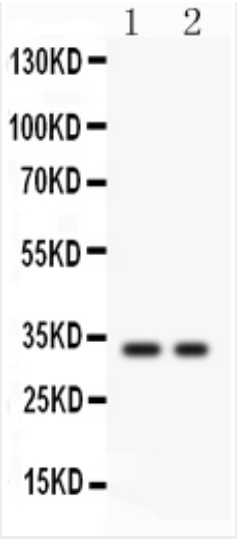
Anti-SFRP2 Picoband Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-SFRP2 Picoband Antibody - Images

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



Anti- SFRP2 Picoband antibody, ABO12053, Western blottingAll lanes: Anti SFRP2 (ABO12053) at 0.5ug/mlLane 1: COLO320 Whole Cell Lysate at 40ugLane 2: SW620 Whole Cell Lysate at 40ugPredicted bind size: 33KDObserved bind size: 33KD

Anti-SFRP2 Picoband Antibody - 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.Â