



Rabbit Anti-SARP1 antibody

SL9478R

Product Name:	SARP1
Chinese Name:	分泌Apoptosis相关蛋白1抗体
Alias:	Frizzled related protein 2; FRP 2; FRP-2; FRP2; SARP 1; SARP-1; SARP1; SDF 5; SDF5; Secreted apoptosis related protein 1; Secreted apoptosis-related protein 1; Secreted frizzled related protein 2; Secreted frizzled-related protein 2; sFRP 2; sFRP-2; sFRP2; Sfrp2 protein; SFRP2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SFRP2/SARP1:201-295/295
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

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.

Subcellular Location:

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.

Similarity:

Belongs to the secreted frizzled-related protein (sFRP) family.
Contains 1 FZ (frizzled) domain.
Contains 1 NTR domain.

SWISS:

Q96HF1

Gene ID:

6423

Database links:

[Entrez Gene: 6423](#)Human

[Entrez Gene: 20319](#)Mouse

[Entrez Gene: 310552](#)Rat

[Omir: 604157](#)Human

[SwissProt: Q96HF1](#)Human

[SwissProt: P97299](#)Mouse

[Unigene: 481022](#)Human

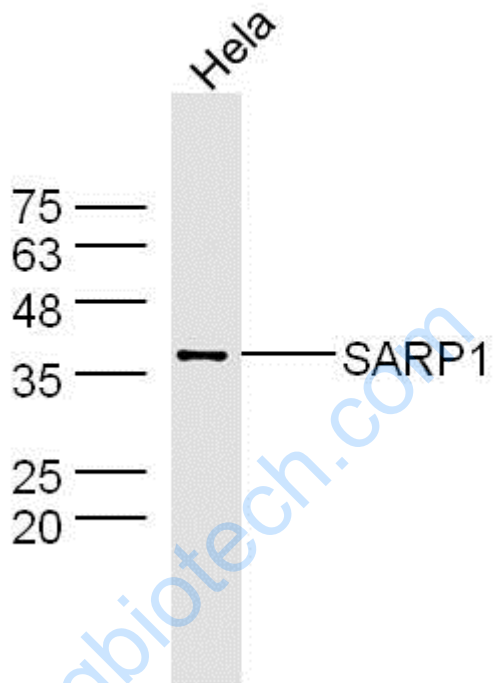
[Unigene: 19155](#)Mouse

[Unigene: 102416](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample: HeLa (Human) Lysate at 40 ug

Primary: Anti-SARP1 (SL9478R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 33 kD

Observed band size: 36 kD