

## Rabbit anti-Human SFRP4 Polyclonal Antibody | anti-SFRP4 antibody

SFRP4 Antibody

|                               |                       |                            |                              |
|-------------------------------|-----------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA232666</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------|

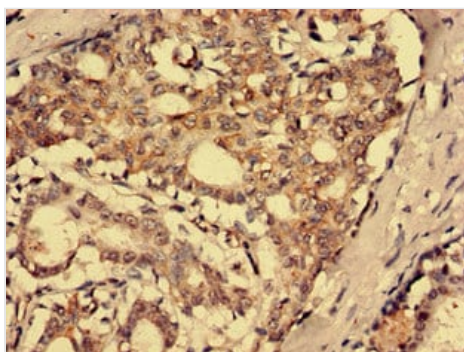
### PRODUCT SYNONYMS

SFRP4; Polyclonal Antibody; SFRP4 Antibody; Secreted frizzled-related protein 4sFRP-4; Frizzled protein; human endometrium; FrpHE; FRPHE; anti-SFRP4 antibody

### PRODUCT SPECIFICATIONS

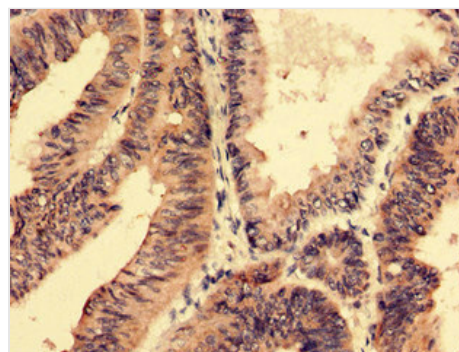
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | >95%, Protein G purified                                                                                       |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 346                                                                                                            |
| Applicable Applications for anti-SFRP4 antibody | ELISA                                                                                                          |
| Immunogen                                       | Recombinant Human Secreted frizzled-related protein 4 protein (293-346AA)                                      |
| Preservative                                    | 0.03% Proclin 300                                                                                              |
| Constituents                                    | 50% Glycerol, 0.01M PBS, PH 7.4                                                                                |
| Conjugation                                     | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20600 / sc-22498 / sc-30152            |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



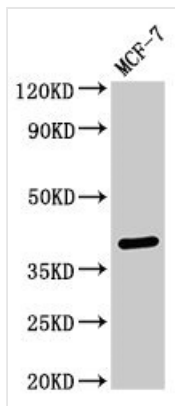
**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of human breast cancer using AAA232666 at dilution of 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of human colon cancer using AAA232666 at dilution of 1:100



#### WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: SFRP4 antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 KDa Observed band size: 40 KDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-SFRP4 antibody

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. SFRP4 may act as a regulator of adult uterine morphology and function. Increases apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 170784838                                                      |
| NCBI GeneID                      | 6424                                                           |
| NCBI Accession #                 | NP_003005.2                                                    |
| NCBI GenBank Nucleotide #        | NM_003014.3                                                    |
| UniProt Accession #              | Q6FHJ7; O14877; Q05BG7; Q1ZYW2; Q4G124; Q6FHM0; Q6PD64; B4DYC1 |
| Molecular Weight                 | 39,827 Da                                                      |
| NCBI Official Full Name          | secreted frizzled-related protein 4                            |
| NCBI Official Synonym Full Names | secreted frizzled related protein 4                            |
| NCBI Official Symbol             | SFRP4                                                          |
| NCBI Official Synonym Symbols    | PYL; FRP-4; FRPHE; sFRP-4                                      |
| NCBI Protein Information         | secreted frizzled-related protein 4                            |
| UniProt Protein Name             | Secreted frizzled-related protein 4                            |
| UniProt Gene Name                | <b>SFRP4</b>                                                   |
| UniProt Synonym Gene Names       | FRPHE; sFRP-4; FrpHE                                           |
| UniProt Entry Name               | SFRP4_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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