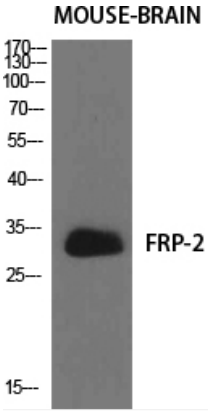
FRP-2 Polyclonal Antibody

Catalog No	YP-Ab-13264
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SFRP2
Protein Name	Secreted frizzled-related protein 2
Immunogen	The antiserum was produced against synthesized peptide derived from human SFRP2. AA range:119-168
Specificity	FRP-2 Polyclonal Antibody detects endogenous levels of FRP-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SFRP2; FRP2; SARP1; FKSG12; Secreted frizzled-related protein 2; FRP-2; sFRP-2; Secreted apoptosis-related protein 1; SARP-1
Observed Band	30kD
Cell Pathway	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.
Function	domain:The FZ domain is involved in binding with Wnt ligands.,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.,similarity:Belongs to the secreted frizzled-related protein (sFRP) family.,similarity:Contains 1 FZ (frizzled) domain.,similarity:Contains 1 NTR domain.,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.,
Background	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

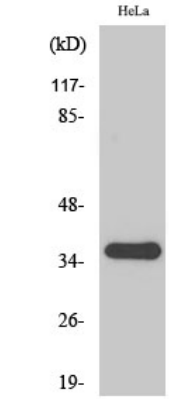
act as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. [provided by RefSeq, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

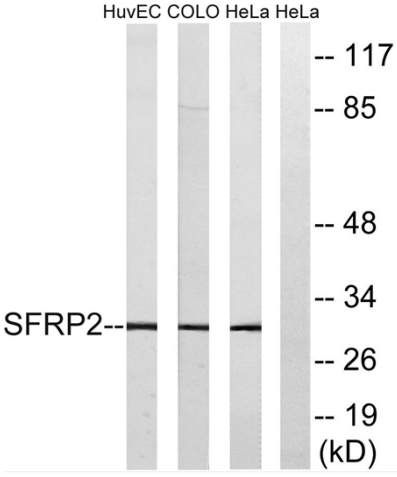
Products Images



Western Blot analysis of various cells using FRP-2 Polyclonal Antibody diluted at 1:500



Western Blot analysis of HuvEc cells using FRP-2 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HeLa, COLO, and HUVEC cells, using SFRP2 Antibody. The lane on the right is blocked with the synthesized peptide.