



FRP-2 Polyclonal Antibody

Catalog No	YP-Ab-13264
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SFRP2
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	sFRP-2;Secreted frizzled-related protein 2;Secreted apoptosis-related protein 1; SDF-5;SARP1;FRP-2;SFRP2;FRP2;FKSG12;SARP-1
Observed Band	30kD
Calculated Molecular Weight	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

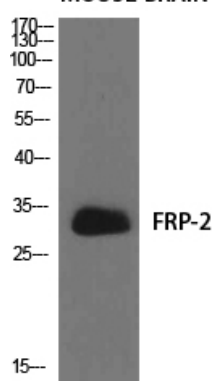
Avoid repeated freezing and thawing!

Usage suggestions

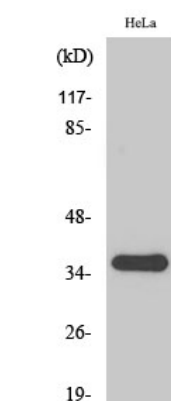
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

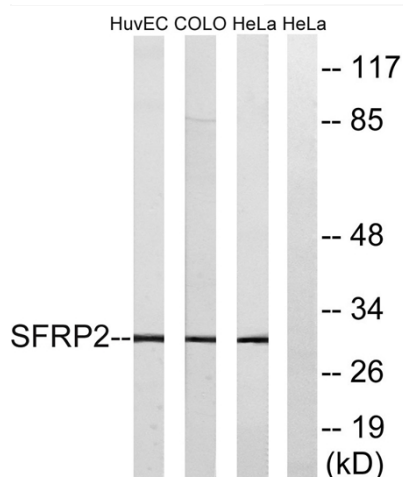
MOUSE-BRAIN



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 HUVES cells, using SFRP2 Antibody. The lane on the right is blocked with the synthesized peptide.