Best Tools for immunology Research

FRP-2 Polyclonal Antibody

Catalog No :	YT1790
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	FRP-2
Fields :	>>Wnt signaling pathway
Gene Name :	SFRP2
Protein Name :	Secreted frizzled-related protein 2
Human Gene Id :	6423
Human Swiss Prot No :	Q96HF1
Mouse Gene Id :	20319
Mouse Swiss Prot No :	P97299
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 30kD

Cell Pathway : WNT;WNT-T CELL

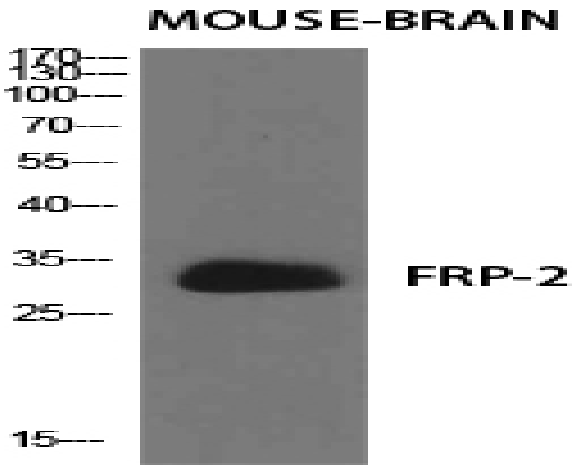
Background : This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. [provided by RefSeq, Jul 2008],

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.,

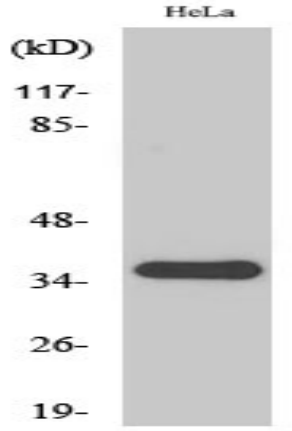
Subcellular Location : Secreted .

Expression : 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.

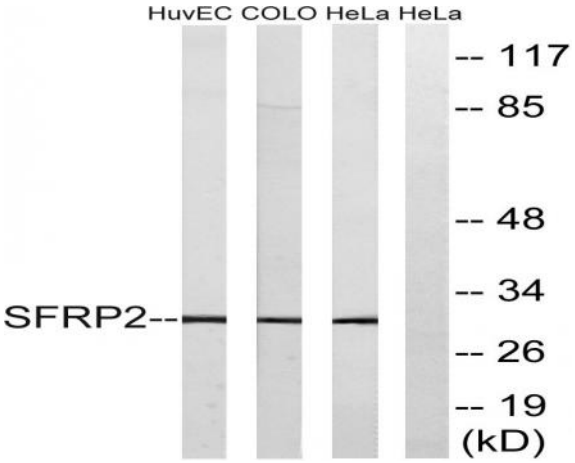
Products Images



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.