



FRP-2 Monoclonal Antibody

Catalog No	YP-mAb-13264
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SFRP2
Immunogen	The antiserum was produced against synthesized peptide derived from human SFRP2. AA range:119-168
Specificity	FRP-2 Monoclonal Antibody detects endogenous levels of FRP-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
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],

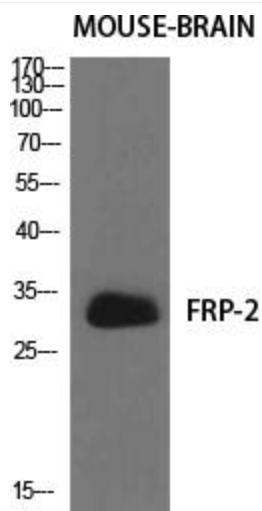
matters needing attention

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



Western Blot analysis of various cells using FRP-2 Monoclonal Antibody