Frzb (10J17) Rabbit Monoclonal Antibody

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Catalog # AP93781

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	P97401
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	36011

Additional Information

Gene ID	20378
Other Names	Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, Frzb, Fiz, Fre, Frzb1, Sfrp3
Dilution	WB~~1:1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
Storage Conditions	-20℃

Protein Information

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Name	Frzb
Synonyms	Fiz, Fre, Frzb1, Sfrp3
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. SFRP3/FRZB appears to be involved in limb skeletogenesis. Antagonist of Wnt8 signaling. Regulates chondrocyte maturation and long bone development (By similarity).
Cellular Location	Secreted.
Tissue Location	Expressed in kidney, brain, testis. Weak expression in spleen and heart.

Background

Enables Wnt-protein binding activity. Involved in negative regulation of Wnt signaling pathway. Acts upstream of or within several processes, including animal organ development; negative regulation of cartilage development; and negative regulation of cell differentiation. Located in extracellular space. Is expressed in several structures, including alimentary system; central nervous system; embryo mesenchyme; genitourinary system; and skeleton. Human ortholog(s) of this gene implicated in lung non-small cell

carcinoma and osteoarthritis. Orthologous to human FRZB (frizzled related protein). [provided by Alliance of Genome Resources, Apr 2022]

Images
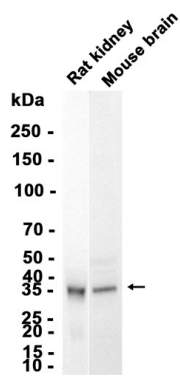
Western blot analysis of extracts from Rat kidney,Mouse brain tissue using AP93781 at 1:1000.

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