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WIF1 Antibody(Human C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2723b

Product Information

Application	IHC-P-Leica, WB, E
Primary Accession	Q9Y5W5
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB10584
Calculated MW	41528
Antigen Region	347-376

Additional Information

Gene ID	11197
Other Names	Wnt inhibitory factor 1, WIF-1, WIF1
Target/Specificity	This WIF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 347-376 amino acids from the C-terminal region of human WIF1.
Dilution	IHC-P-Leica~~1:500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	WIF1 Antibody(Human C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	WIF1
Function	Binds to WNT proteins and inhibits their activities. May be involved in mesoderm segmentation.

Cellular Location Secreted.

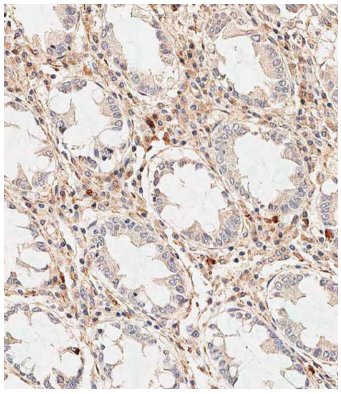
Background

WNT proteins are extracellular signaling molecules involved in the control of embryonic development. WIF1 is a secreted protein, which binds WNT proteins and inhibits their activities. This protein contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. It may be involved in mesoderm segmentation. This protein is found to be present in fish, amphibia and mammals.

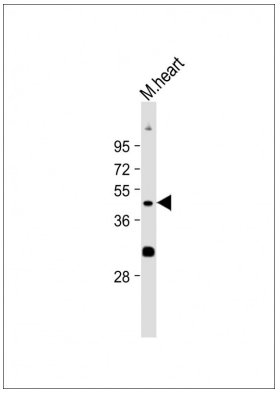
References

Elston,M.S., Endocrinology 149 (3), 1235-1242 (2008)
Clement,G., Cancer Sci. 99 (1), 46-53 (2008)
Chan,S.L., Lab. Invest. 87 (7), 644-650 (2007)

Images



Immunohistochemical analysis of paraffin-embedded human colon tissue using AP2723b performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Anti-WIF1 Antibody(Human C-term) at 1:1000 dilution + Mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- Association between Wnt inhibitory factor 1 and receptor tyrosine kinase-like orphan receptor 2 protein expression and the clinical pathological significance in benign and malignant pancreatic lesions.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.