9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

WIF1 polyclonal antibody

Catalog Number: PAB2563

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of WIF1.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human WIF1.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:10-50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11197

Gene Symbol: WIF1

Gene Alias: WIF-1

Gene Summary: WNT proteins are extracellular signaling molecules involved in the control of embryonic development. This gene encodes 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. [provided by RefSeq]

References:

1. Wnt pathway inhibitors are strongly down-regulated in pituitary tumors. Elston MS, Gill AJ, Conaglen JV, Clarkson A, Shaw JM, Law AJ, Cook RJ, Little NS, Clifton-Bligh RJ, Robinson BG, McDonald KL. Endocrinology. 2008 Mar;149(3):1235-42. Epub 2007 Dec 13.
2. Epigenetic alteration of the Wnt inhibitory factor-1 promoter occurs early in the carcinogenesis of Barrett's esophagus. Clement G, Guilleret I, He B, Yagui-Beltran A, Lin YC, You L, Xu Z, Shi Y, Okamoto J, Benhattar J, Jablons D. Cancer Sci. 2008 Jan;99(1):46-53. Epub 2007 Nov 13.
3. The tumor suppressor Wnt inhibitory factor 1 is frequently methylated in nasopharyngeal and esophageal carcinomas. Chan SL, Cui Y, van Hasselt A, Li H, Srivastava G, Jin H, Ng KM, Wang Y, Lee KY, Tsao GS, Zhong S, Robertson KD, Rha SY, Chan AT, Tao Q. Lab Invest. 2007 Jul;87(7):644-50. Epub 2007 Mar 26.