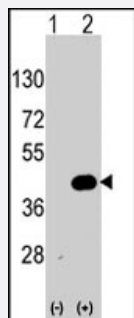


WIF1 polyclonal antibody

Catalog # PAB2564

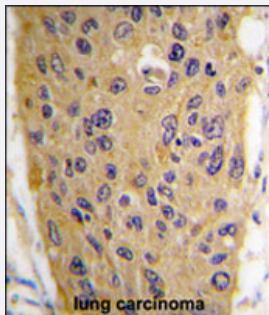
Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of WIF1 (arrow) using WIF1 polyclonal antibody (Cat # PAB2564). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the WIF1 gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with WIF1 polyclonal antibody (Cat # PAB2564), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of WIF1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 350-379 at C-terminus of human WIF1.
Host	Rabbit
Reactivity	Human
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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — WIF1

Entrez GeneID	11197
Protein Accession#	NP_009122;Q9Y5W5
Gene Name	WIF1
Gene Alias	WIF-1
Gene Description	WNT inhibitory factor 1
Omim ID	605186
Gene Ontology	Hyperlink
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]
Other Designations	-

Publication Reference

- [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.

Application: IHC-P, WB,-Tr, Human, Rat, Pituitary tumors, WIF1-transfected GH3 cells, EV-transfected GH3 cells, GH3 cells

- [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 Science 2008 Jan; 99(1):46.

- [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.

Laboratory Investigation 2007 Jul; 87(7):644.

Pathway

- [Wnt signaling pathway](#)

Disease

- [Asthma](#)
- [Dominance](#)
- [Schizophrenia](#)