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Datasheet for ABIN6150217 anti-WIF1 antibody (AA 29-220)

2 Images



Overview

Quantity:	100 μL
Target:	WIF1
Binding Specificity:	AA 29-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WIF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-220 of human WIF1 (NP_009122.2).
Sequence:	GPPQEESLYL WIDAHQARVL IGFEEDILIV SEGKMAPFTH DFRKAQQRMP AIPVNIHSMN FTWQAAGQAE YFYEFLSLRS LDKGIMADPT VNVPLLGTVP HKASVVQVGF PCLGKQDGVA AFEVDVIVMN SEGNTILQTP QNAIFFKTCQ QAECPGGCRN GGFCNERRIC ECPDGFHGPH CEKALCTPRC MN
lsotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

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Target Details

Target:	WIF1
Alternative Name:	WIF1 (WIF1 Products)
Background:	The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers.,WIF1,WIF-1,Cell Biology & Developmental Biology,Wnt/β-Catenin Signaling Pathway,Stem Cells,WIF1
Molecular Weight:	41 kDa
Gene ID:	11197
UniProt:	Q9Y5W5
Pathways:	WNT Signaling, Positive Regulation of fat Cell Differentiation

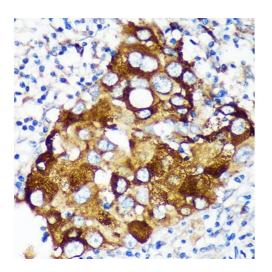
Application Details

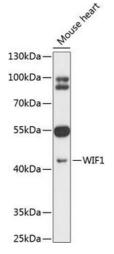
Application Notes:	WB,1:1000 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer using WIF1 Rabbit pAb (ABIN6128926, ABIN6150217, ABIN6150219 and ABIN6216799) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of mouse heart, using WIF1 antibody (ABIN6128926, ABIN6150217, ABIN6150219 and ABIN6216799) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.

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