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Datasheet for ABIN7254661 anti-WISP2 antibody

2 Images



### Overview

Quantity:	200 µL
Target:	WISP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WISP2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Synthetic peptide of human WISP2
lsotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	WISP2
Alternative Name:	WISP2 (WISP2 Products)
Background:	This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a
	member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse
	developmental processes. The CTGF family members are characterized by four conserved

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	cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like (CT) domain. The encoded protein lacks the CT domain which is implicated in dimerization and heparin binding. It is 72 % identical to the mouse protein at the amino acid level. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Its expression in colon tumors is reduced while the other two WISP members are overexpressed in colon tumors. It is expressed at high levels in bone tissue, and may play an important role in modulating bone turnover.
UniProt:	076076
Pathways:	WNT Signaling, Growth Factor Binding
Application Details	
Application Notes:	IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using WISP2 Polyclonal Antibody at dilution of 1:45(x200)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human tonsil tissue using WISP2 Polyclonal Antibody at dilution of 1:45(x200)

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