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Datasheet for ABIN3042348 anti-WNT7A antibody (C-Term)

4 Images



Overview

Quantity:	100 µg
Target:	WNT7A
Binding Specificity:	AA 226-256, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT7A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Protein Wnt-7a(WNT7A) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Wnt7a (226- 256aa YVLKDKYNEAVHVEPVRASRNKRPTFLKIKK), identical to the related mouse sequence.
Sequence:	YVLKDKYNEA VHVEPVRASR NKRPTFLKIK K
lsotype:	lgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Protein Wnt-7a(WNT7A) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: wingless-type MMTV integration site family, member 7A Protein Name: Protein Wnt-7a

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Product Details

Purification:

Immunogen affinity purified.

Target Details

Target:	WNT7A
Alternative Name:	WNT7A (WNT7A Products)
Background:	This gene is a member of the WNT gene family, which consists of structurally related genes
	that encode secreted signaling proteins. These proteins have been implicated in oncogenesis
	and in several developmental processes, including regulation of cell fate and patterning during
	embryogenesis. This gene is involved in the development of the anterior-posterior axis in the
	female reproductive tract, and also plays a critical role in uterine smooth muscle pattering and
	maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann
	and Al-Awadi / Raas - Rothschild / Schinzel phocomelia syndromes.
	Synonyms: Protein Wnt-7a antibody Protein Wnt-7a precursor antibody Proto oncogene Wnt7a
	protein antibody proto-oncogene wnt7a protein antibody wingless-type MMTV integration site
	family, member 7A antibody WNT7A antibody WNT7A_HUMAN antibody
Gene ID:	7476
UniProt:	000755
Pathways:	WNT Signaling, Stem Cell Maintenance, Asymmetric Protein Localization
Application Details	
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human
	IHC-P: Concentration: 0.5-1 μ g/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by
	Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the
	staining of formalin/paraffin sections.
	Notes: Tested Species: Species with positive results. Other applications have not been tested.
	Optimal dilutions should be determined by end users.

Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions:

Comment:

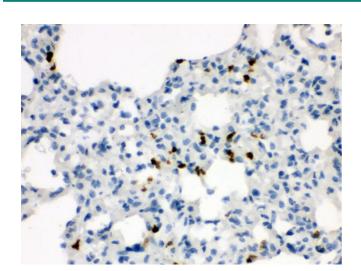
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Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu\text{g/mL}.$
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



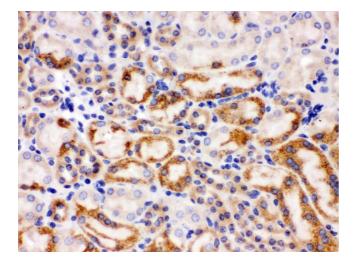
Immunohistochemistry

Image 1. Anti- Wnt7a antibody, IHC(P) IHC(P): Rat Lung Tissue

97KD -
58KD —
40KD
29KD –

20KD -

14KD -



Western Blotting Image 2. Observed bind size: 39KD

Immunohistochemistry

Image 3. Anti- Wnt7a antibody, IHC(P) IHC(P): Mouse Kidney Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3042348.