

Datasheet for ABIN2776723
anti-WNT2B antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	WNT2B
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human WNT2B
Sequence:	MLRPGGAEEA AQLPLRRASA PVPVPSPAAP DGSRASARLG LACLLLLLLL
Predicted Reactivity:	Cow: 79%, Human: 100%, Pig: 86%, Rabbit: 86%
Characteristics:	This is a rabbit polyclonal antibody against WNT2B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WNT2B
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Target Details

Alternative Name:	WNT2B (WNT2B Products)
Background:	<p>WNT2B is a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants.</p> <p>Alias Symbols: WNT13, XWNT2</p> <p>Protein Interaction Partner: RAD21, BRCA1,</p> <p>Protein Size: 391</p>
Molecular Weight:	44 kDa
Gene ID:	7482
NCBI Accession:	NM_024494 , NP_078613
UniProt:	Q93097
Pathways:	WNT Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 391 AA
Restrictions:	For Research Use only

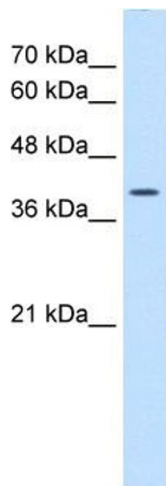
Handling

Format:	Liquid
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Handling

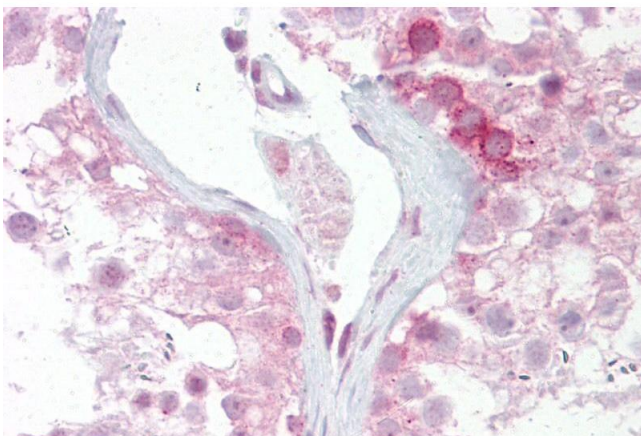
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-WNT2B Antibody Titration:
0.2-1 ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Testis tissue at an antibody concentration of 5µg/ml using anti-WNT2B antibody (ARP41276_P050)