

Datasheet for ABIN2776725
anti-WNT5B antibody (Middle Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	WNT5B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WNT5B
Sequence:	YCLRNESTGS LGTQGRLCNK TSEGMDGCEL MCCGRGYNQF KSVQVERCHC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against WNT5B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WNT5B
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Target Details

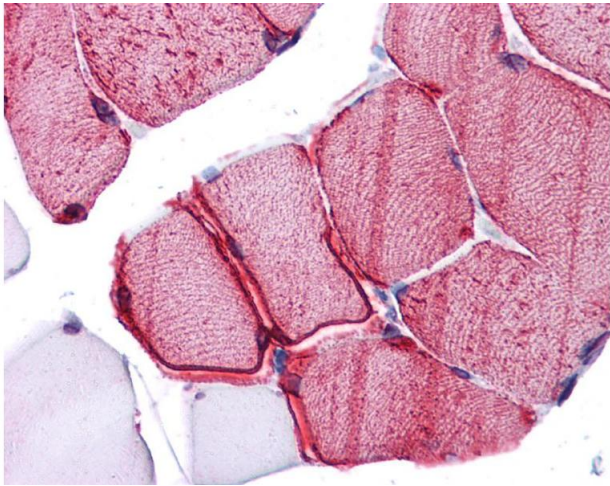
Alternative Name:	WNT5B (WNT5B Products)
Background:	<p>The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryog</p> <p>Alias Symbols: MGC2648</p> <p>Protein Interaction Partner: UBC, PORCN, APPBP2,</p> <p>Protein Size: 359</p>
Molecular Weight:	39 kDa
Gene ID:	81029
NCBI Accession:	NM_030775 , NP_110402
UniProt:	Q9H1J7
Pathways:	WNT Signaling , Embryonic Body Morphogenesis , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 359 AA
Restrictions:	For Research Use only

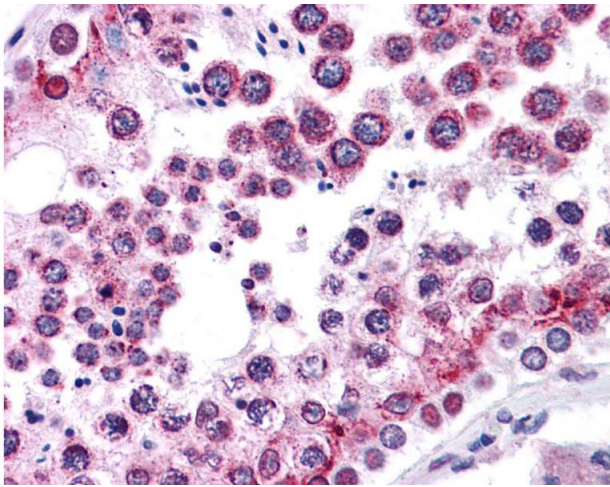
Handling

Format:	Liquid
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.



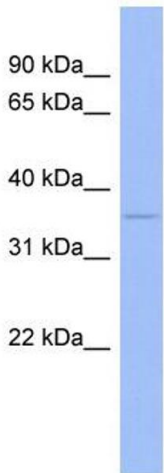
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-WNT5B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Small Intestine