

Datasheet for ABIN2779469

anti-WNT4 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	WNT4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Zebrafish (Danio rerio), Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WNT4
Sequence:	HGVSPQGFQW SGCS DNIA YG VAFS QS FVDV RERS KGASSS RALMNLHNNE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against WNT4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WNT4
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Target Details

Alternative Name:	WNT4 (WNT4 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: WNT-4, SERKAL</p> <p>Protein Interaction Partner: P2RX4, APP, PTEN, SFRP2, SFRP1, PORCN, FZD6,</p> <p>Protein Size: 351</p>
Molecular Weight:	37 kDa
Gene ID:	54361
NCBI Accession:	NM_030761 , NP_110388
UniProt:	P56705
Pathways:	WNT Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Cell-Cell Junction Organization , Tube Formation

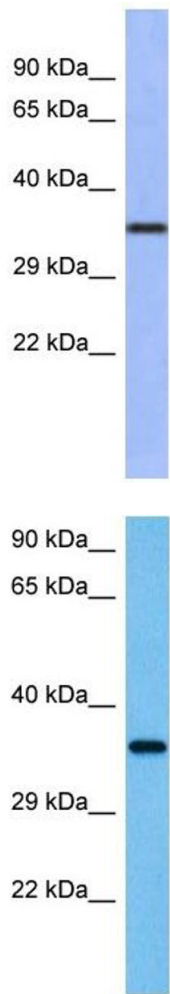
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 351 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.



Western Blotting

Image 1. WB Suggested Anti-WNT4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate

Western Blotting

Image 2. Host: Mouse Target Name: WNT4 Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml