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Datasheet for ABIN6150242  
**anti-WNT3 antibody (AA 166-355)**

1 Image

Overview

Quantity:	100 µL
Target:	WNT3
Binding Specificity:	AA 166-355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 166-355 of human WNT3 (NP_110380.1).
Sequence:	VLVSREFADA RENRPDARSA MNKHNNNEAGR TTILDHMHLK CKCHGLSGSC EVKTCWWAQP DFRAIGDFLK DKYDSASEMV VEKHRESRGW VETLRAKYSL FKPTTERDLV YYENSPNFCE PNPETGSFGT RDRTCNVTSR HIDGCDLLCC GRGHNTRTEK RKEKCHCIFH WCCYVSCQEC IRIYDVHTCK
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	WNT3
Alternative Name:	WNT3 ( <a href="#">WNT3 Products</a> )
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 embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 98 % amino acid identity to mouse Wnt3 protein, and 84 % to human WNT3A protein, another WNT gene product. The mouse studies show the requirement of Wnt3 in primary axis formation in the mouse. Studies of the gene expression suggest that this gene may play a key role in some cases of human breast, rectal, lung, and gastric cancer through activation of the WNT-beta-catenin-TCF signaling pathway. This gene is clustered with WNT15, another family member, in the chromosome 17q21 region.,WNT3,INT4,TETAMS,Epigenetics &amp; Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Signal Transduction,mTOR Signaling Pathway,Cell Biology &amp; Developmental Biology,Wnt/<math>\beta</math>-Catenin Signaling Pathway,ESC Pluripotency and Differentiation,Neuroscience,Stem Cells,WNT3</p>
Molecular Weight:	39 kDa
Gene ID:	7473
UniProt:	<a href="#">P56703</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Regulation of Cell Size</a>

## Application Details

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Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

## Handling

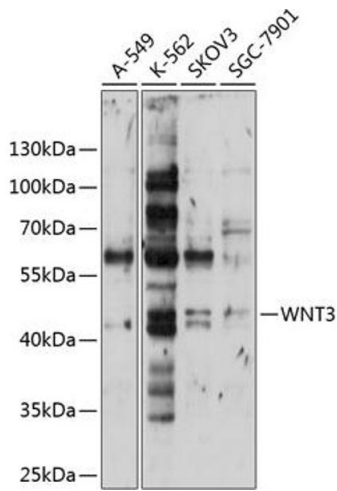
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using WNT3 antibody (ABIN6130795, ABIN6150242, ABIN6150243 and ABIN6224981) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.