



Datasheet for ABIN3029628
anti-WNT3 antibody (AA 155-184)



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2 Images

Overview

Quantity:	0.4 mL
Target:	WNT3
Binding Specificity:	AA 155-184
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 155-184 from the human protein was used as the immunogen for this WNT3 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Chicken, Xenopus
Purification:	Antigen affinity purified

Target Details

Target:	WNT3
Alternative Name:	WNT3 (WNT3 Products)
Background:	The WNT gene family consists of structurally related genes which encode secreted signaling

Target Details

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.

UniProt: [P56703](#)

Pathways: [WNT Signaling, Regulation of Cell Size](#)

Application Details

Application Notes: Titration of the WNT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

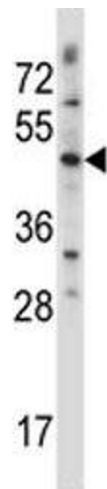
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

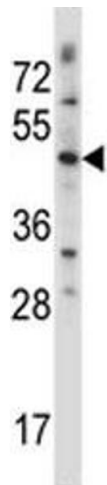
Storage: -20 °C

Storage Comment: Aliquot the WNT3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. WNT3 antibody western blot analysis in CEM lysate. Predicted molecular weight 39~65 kDa depending on glycosylation level.



Western Blotting

Image 2. WNT3 antibody western blot analysis in CEM lysate. Predicted molecular weight 39~65 kDa depending on glycosylation level.