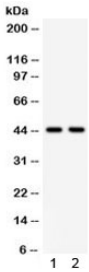
WNT3 Antibody (R32152)

Catalog No.	Formulation	Size
R32152	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P56703
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This WNT3 antibody is available for research use only.



Western blot testing of human 1) placenta and 2) HepG2 lysate with WNT3 antibody. Expected/observed size 35~44 kDa depending on glycosylation level.

Description

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.

Application Notes

Optimal dilution of the WNT3 antibody should be determined by the researcher.

Immunogen

Amino acids AMNKHNNEAGRTTILDHMHLKCK of human WNT3A were used as the immunogen for the WNT3 antibody.

Storage

After reconstitution, the WNT3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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