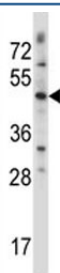


WNT3 Antibody (F43549)

Catalog No.	Formulation	Size
F43549-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43549-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Chicken, Mouse, Xenopus
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P56703
Applications	Western Blot : 1:1000
Limitations	This WNT3 antibody is available for research use only.



WNT3 antibody western blot analysis in CEM lysate. Predicted molecular weight 39~65 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

Titration of the WNT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 155-184 from the human protein was used as the immunogen for this WNT3 antibody.

Storage

Aliquot the WNT3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.