

Wnt4 Antibody (R31234)

Catalog No.	Formulation	Size
R31234	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P56705
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Wnt4 antibody is available for research use only.

kDa
200 -
116 -
97 -
66 -
44 -
31 -
22 -
14 -
6 -

Western blot testing of WNT4 antibody and MCF-7 lysate. Expected molecular weight: 35~46 kDa depending on glycosylation level.

Description

Wingless-type MMIV integration site family member 4 is a secreted protein that in humans is encoded by the Wnt4 gene. By fluorescence in situ hybridization, gene was mapped to chromosome 1p35, a location consistent with the results of radiation hybrid mapping. The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and embryogenesis.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Wnt4 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Wingless-type MMIV integration site family member 4 (HALKEKFDGATEVEPRRV) was used as the immunogen for this Wnt4 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the Wnt4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.