

Basic Information

Product Name	Anti-WNT4 Antibody
Gene Name	WNT4
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Wnt4, identical to the related mouse and rat sequences.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	39 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

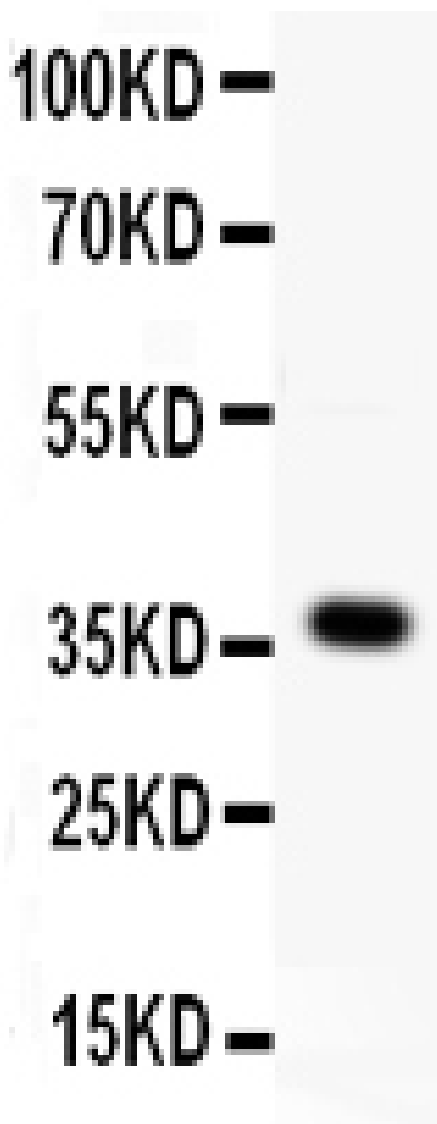
Background Information

Wingless-type MMIV integration site family, member4, is a secreted protein that in humans is encoded by the Wnt4 gene. By fluorescence in situ hybridization, WNT4 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.

Reference

Anti-WNT4 Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of WNT4 using anti-WNT4 antibody (BA3160-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: MCF-7 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-WNT4 antigen affinity purified polyclonal antibody (BA3160-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for WNT4 at approximately 39 kDa. The expected band size for WNT4 is at 39 kDa.