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WNT4 Rabbit pAb

Catalog No.: A7809

6 Publications

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Basic Information

Observed MW
46 kDa

Calculated MW
39 kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human

Background

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, and is the first signaling molecule shown to influence the sex-determination cascade. It encodes a protein which shows 98% amino acid identity to the Wnt4 protein of mouse and rat. This gene and a nuclear receptor known to antagonize the testis-determining factor play a concerted role in both the control of female development and the prevention of testes formation. This gene and another two family members, WNT2 and WNT7B, may be associated with abnormal proliferation in breast tissue. Mutations in this gene can result in Rokitansky-Kuster-Hauser syndrome and in SERKAL syndrome.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
54361

Swiss-Prot
P56705

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
WNT-4; SERKAL; WNT4

Contact

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Product Information

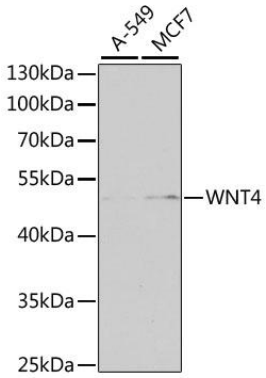
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using WNT4 Rabbit pAb (A7809) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.