

Product datasheet for **TA590281**

WNT4 Rabbit Polyclonal Antibody

Product data:

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|-----------------------|-----------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | WB: 1:5000-1:20000; ELISA: 1:100-1:2000; IHC: 1:10-1:2000; IHC-P 1:250-1:2000 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | DNA immunization. This antibody is specific for the C Terminus Region of the target protein. |
| Formulation: | 20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0 |
| Concentration: | 1.02mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | Wnt family member 4 |
| Database Link: | NP_110388 Entrez Gene 54361 Human P56705 |



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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.

Synonyms:

SERKAL; WNT-4

Note:

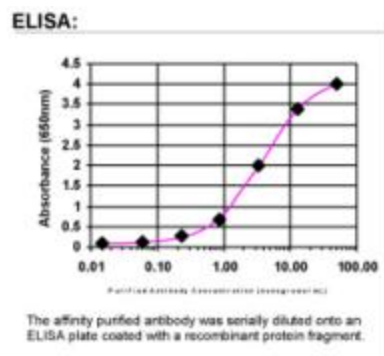
This antibody was generated by SDIX's Genomic Antibody Technology[®] (GAT). [Learn about GAT](#)

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway

Product images:


ELISA: WNT4 Antibody