

## Product datasheet for **TA318924**

### WNT6 Rabbit Polyclonal Antibody

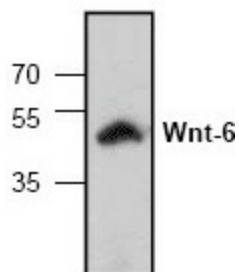
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 ug/ml, IHC: 10-20ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 276 of mouse Wnt-6
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit Wnt-6 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Wnt family member 6
Database Link:	<a href="#">NP_006513</a> <a href="#">Entrez Gene 22420 Mouse</a> <a href="#">Entrez Gene 316526 Rat</a> <a href="#">Entrez Gene 7475 Human</a> <a href="#">Q9Y6F9</a>
Background:	Wnt gene family members, including Wnt-1 through Wnt-10, play a key role in regulating cellular growth and differentiation. Wnt-1 is a cysteine-rich, secreted glycoprotein that associates with cell membranes and likely functions as a key regulator of cellular adhesion. Wnt-1, which is essential for normal development of the embryonic nervous system, contributes to hyperplasia and tumorigenic progression when improperly expressed in mammary tissue. Wnt-3 is involved in tumorigenesis and Wnt-2 and Wnt-4 may be associated with abnormal proliferation in human breast tissue. Wnt-6 is involved in oncogenesis and is co-expressed with Wnt10 in colorectal cancer cell lines. The presence of cervical and breast cell carcinomas may indicate an over expression of Wnt-6.



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<b>Synonyms:</b>	member 6; wingless-type MMTV integration site family
<b>Protein Families:</b>	Adult stem cells, Cancer stem cells, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway, Transmembrane
<b>Protein Pathways:</b>	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway

**Product images:**

Western blot analysis of Wnt-6 expression in rat kidney tissue lysate.