

## Product datasheet for **TA321575**

### WNT9A Rabbit Polyclonal Antibody

#### Product data:

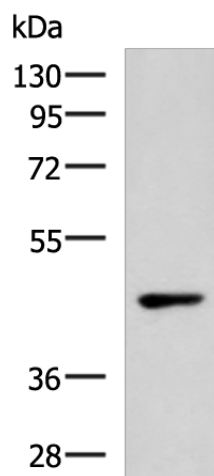
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T cell lysate
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 273 amino acids of human wingless-type MMTV integration site family, member 9A
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	Wnt family member 9A
Database Link:	<a href="#">NP_003386</a> <a href="#">Entrez Gene 216795 Mouse</a> <a href="#">Entrez Gene 7483 Human</a> <a href="#">O14904</a>

**Background:** 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 patterning during embryogenesis. This gene is a member of the WNT gene family. It is expressed in gastric cancer cell lines. The protein encoded by this gene shows 75% amino acid identity to chicken Wnt14; which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member; WNT3A; in the chromosome 1q42 region.



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Synonyms:	WNT14
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway

**Product images:**

Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: 293T cell lysate  
Primary antibody: TA321575 (WNT9A Antibody) at dilution 1/500  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 1 minute