

Product datasheet for **TA337059**

WNT5A Rabbit Polyclonal Antibody

Product data:

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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | Immunohistochemistry, Western Blot: 0.5-2 ug/ml, Immunohistochemistry-Paraffin: 5-10 ug/ml, Immunohistochemistry-Frozen |
| Reactivity: | Human, Mouse, Rat, Bovine, Primate |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic peptide corresponding to amino acids 190-230 of human Wnt5A was used as the immunogen for this antibody, GenBank no NP_003383.2. |
| Formulation: | PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at -20C. Avoid freeze-thaw cycles. |
| Concentration: | lot specific |
| Purification: | Protein G purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | Wnt family member 5A |
| Database Link: | NP_003383 Entrez Gene 22418 Mouse Entrez Gene 64566 Rat Entrez Gene 7474 Human P41221 |
| Background: | Wnt5A is a secreted protein found in the extracellular region that belongs to the Wnt family. It is a proto-oncogene that functions in modulating cell fate and behavior during vertebrate development and has an important role in Wnt signaling pathway. It is a glycoprotein that plays an important role in cell communication and development. Wnt5A acts as a ligand for members of the frizzled family of seven transmembrane receptors. It is suspected that Wnt5A is a developmental protein. Wnt5A is a signaling molecule which affects the development of discrete regions of tissues and is likely to signal over only few cell diameters. |
| Synonyms: | hWNT5A |

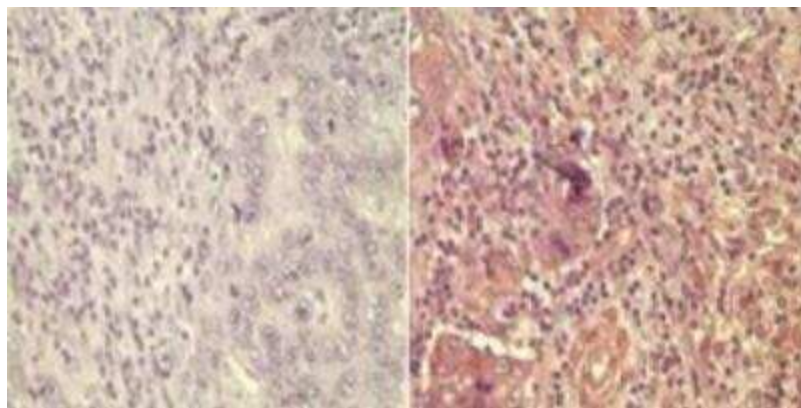


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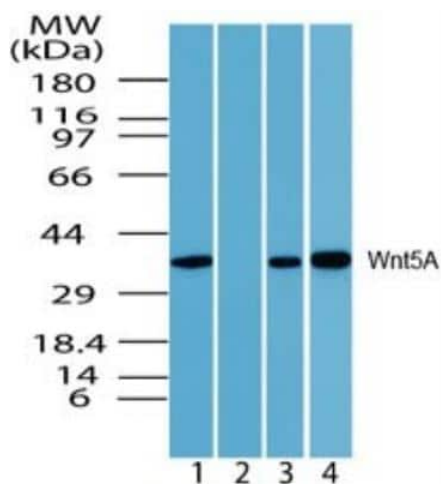
Protein Families: Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway

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

Product images:



Immunohistochemistry-Paraffin: Wnt-5a Antibody TA337059 - Analysis of Wnt-5a in FFPE human breast tumor using an isotype control (left) and Wnt-5a antibody (right)



Western Blot: Wnt-5a Antibody TA337059 - Analysis of Wnt-5a in human heart lysate in the 1) absence, 2) presence of immunizing peptide, 3) mouse and 4) rat heart