

## Product datasheet for **TA350670**

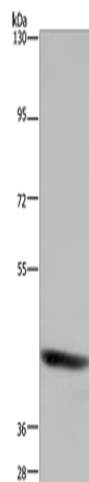
### FOXD4 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB: 200-1000<br>WB positive control: Mouse heart tissue   |
| Reactivity:             | Human, Mouse  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Synthetic peptide of human FOXD4  |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% 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: | 47 kDa  |
| Gene Name:              | forkhead box D4   |
| Database Link:          | <a href="#">NP_997188</a><br><a href="#">Entrez Gene 14237 Mouse</a> <a href="#">Entrez Gene 2298 Human</a><br><a href="#">Q12950</a>   |
| Background:             | This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy, obsessive-compulsive disorders, and suicidality. |
| Synonyms:               | FKHL9; FOXD4A; FREAC-5; FREAC5  |
| Protein Families:       | Transcription Factors   |



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**Product images:**

Gel: 6%SDS-PAGE

Lysate: 40  $\mu$ g

Lane: Mouse heart tissue

Primary antibody: TA350670 (FOXD4 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes