

## Product datasheet for **TA318961**

### DKK2 Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | WB  |
| Recommended Dilution: | WB: 0.5-4 ug/ml   |
| Reactivity:           | Human, Mouse, Rat   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Synthetic peptide surrounding amino acid 241 of mouse Dkk2 (  |
| Formulation:          | 100 µg (0.5 mg/ml) purified rabbit 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:            | dickkopf WNT signaling pathway inhibitor 2  |
| Database Link:        | <a href="#">NP_055236</a><br><a href="#">Entrez Gene 56811 Mouse</a> <a href="#">Entrez Gene 295445 Rat</a> <a href="#">Entrez Gene 27123 Human</a><br><a href="#">Q9UBU2</a>   |
| Background:           | Xenopus Dickkopf (Dkk)-1 was initially discovered as a Wnt antagonist that plays an important role in head formation. By far, four members of Dkk have been identified in mammals. Each Dkk molecule contains two conserved cysteine-rich domains. Recent studies showed that the second Cys-rich domains of Dkk1 and Dkk2 inhibited Wnt-3a-activated signaling, whereas the first Cys-rich domains had no effects. In addition, the second Cys-rich domain of Dkk-2, but not that of Dkk-1, was able to activate the canonical pathway in the presence of LRP6, and this LRP-dependent signaling does not require Dvl. |
| Synonyms:             | DKK-2   |

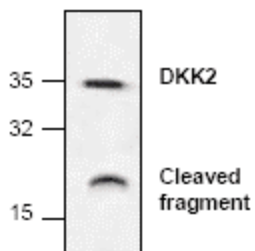


[View online »](#)

**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:** Wnt signaling pathway

**Product images:**



Western blot analysis of Dkk2 expression in rat kidney tissue lysate.