

Datasheet for ABIN6257704  
**anti-DKK3 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | DKK3   |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This DKK3 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | A synthesized peptide derived from human DKK3, corresponding to a region within C-terminal amino acids.                   |
| Isotype:      | IgG   |
| Specificity:  | DKK3 Antibody detects endogenous levels of total DKK3.  |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

|           |                               |
|-----------|-------------------------------|
| Target:   | DKK3                          |
| Abstract: | <a href="#">DKK3 Products</a> |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Description: Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (By similarity).</p> <p>Gene: DKK3</p> |
|-------------|---|

|                   |        |
|-------------------|--------|
| Molecular Weight: | 45 kDa |
|-------------------|--------|

|          |       |
|----------|-------|
| Gene ID: | 27122 |
|----------|-------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9UBP4</a> |
|----------|------------------------|

## Application Details

|                    |   |
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| Application Notes: | WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
|--------------------|---|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |         |
|----------------|---------|
| Concentration: | 1 mg/mL |
|----------------|---------|

|         |   |
|---------|---|
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
|---------|---|

|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

|                    |  |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|--|

|          |        |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

|                  |   |
|------------------|---|
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
|------------------|---|

|              |           |
|--------------|-----------|
| Expiry Date: | 12 months |
|--------------|-----------|



#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6275059 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.