abcam

Product datasheet

# Anti-DKKL1 antibody ab110800

2 Images

## Overview

| | |
|---|---|
| **Product name** | Anti-DKKL1 antibody |
| **Description** | Rabbit polyclonal to DKKL1 |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** IHC-P, WB |
| **Species reactivity** | **Reacts with:** Human<br>**Predicted to work with:** Chimpanzee, Macaque monkey, Gorilla, Orangutan |
| **Immunogen** | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| **Positive control** | This antibody gave a positive signal in Human Testis tissue lysate. This antibody gave a positive result in IHC in the following FFPE tissue: Human normal testis. |
| **General notes** | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.<br>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As |

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **Storage buffer** | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: 98.98% PBS, 1% BSA<br><br>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |

**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab110800 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|---|---|---|
| **IHC-P** | | Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| **WB** | | Use a concentration of 1 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 27 kDa). |

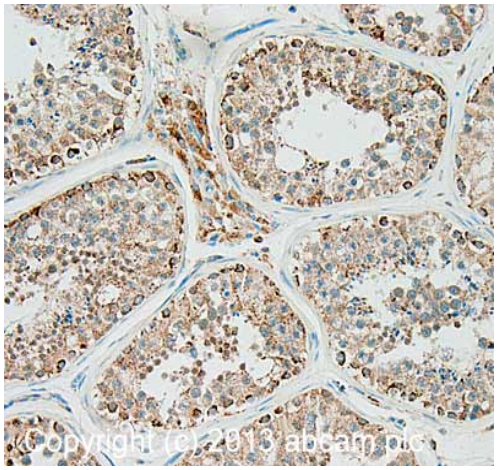
## Target

**Sequence similarities** To the N-terminal section of DKK-3.

**Post-translational modifications** N-glycosylated.

**Cellular localization** Secreted.

## Images




Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DKKL1 antibody (ab110800)

IHC image of DKKL1 staining in Human normal testis formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab110800, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.


Western blot - Anti-DKKL1 antibody (ab110800)

Anti-DKKL1 antibody (ab110800) at 1 µg/ml + Testis (Human) Tissue Lysate - adult normal tissue at 20 µg

**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 27 kDa
**Observed band size:** 32 kDa
**Additional bands at:** 70 kDa (possible non-specific binding)

**Exposure time:** 8 minutes

DKKL1 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.

This blot was produced using a 10% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Bovine Serum Albumin before being incubated with ab110800 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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