

Datasheet for ABIN2784950  
**anti-KLHDC3 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	KLHDC3
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHDC3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KLHDC3
Sequence:	MLRWTVHLEG GPRRVNHA AV AVGH RVYSFG GYCSGEDYET LRQIDVHIFN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against KLHDC3. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	KLHDC3
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## Target Details

Alternative Name:	KLHDC3 ( <a href="#">KLHDC3 Products</a> )
Background:	<p>The protein encoded by this gene contains six repeated kelch motifs that are structurally similar to recombination activating gene 2 (RAG2), a protein involved in the activation of the V(D)J recombination. In mouse, this gene is found to express specifically in testis. Its expression in pachytene spermatocytes is localized to cytoplasm and meiotic chromatin, which suggests that this gene may be involved in meiotic recombination.</p> <p>Alias Symbols: PEAS, RP1-20C7.3, dJ20C7.3, hPEAS</p> <p>Protein Interaction Partner: CSNK1E, CUL2, CUL5, TCEB2, TCEB1, UBC, UBXN7, DLG3,</p> <p>Protein Size: 382</p>
Molecular Weight:	43 kDa
Gene ID:	116138
NCBI Accession:	<a href="#">NM_057161</a> , <a href="#">NP_476502</a>
UniProt:	<a href="#">Q9BQ90</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">ER-Nucleus Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 382 AA
Restrictions:	For Research Use only

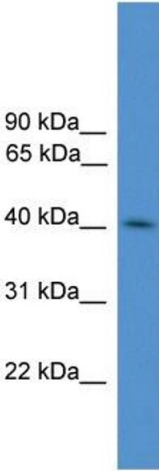
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_


**Western Blotting**

**Image 1. WB Suggested Anti-KLHDC3 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** Human Placenta



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Rabbit Anti-KLHDC3 Antibody  
Catalog Number: ARP52492  
Lot Number: QC29489  
Lane: Placenta Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2. WB Suggested Anti-KLHDC3**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Human Placenta