

Datasheet for ABIN2776042

**anti-WD Repeat Domain 45B (WDR45B) (Middle Region)  
antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	WD Repeat Domain 45B (WDR45B)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WDR45L
Sequence:	LCVLCPNENN SLLAFPGTHT GHVQLVDLAS TEKPPVDIPA HEGVLSICAL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against WDR45L. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	WD Repeat Domain 45B (WDR45B)
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## Target Details

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Alternative Name:	WDR45L ( <a href="#">WDR45B Products</a> )
Background:	<p>WDR45L is a member of the WIPI or SVP1 family of WD40 repeat-containing proteins. The protein contains seven WD40 repeats that are thought to fold into a beta-propeller structure that mediates protein-protein interactions, and a conserved motif for interaction with phospholipids. This gene encodes a member of the WIPI or SVP1 family of WD40 repeat-containing proteins. The protein contains seven WD40 repeats that are thought to fold into a beta-propeller structure that mediates protein-protein interactions, and a conserved motif for interaction with phospholipids. The human genome contains several pseudogenes of this gene.</p> <p>Alias Symbols: WIPI-3, WIPI3, WDR45L</p> <p>Protein Interaction Partner: UBC, TXNDC17, UPP1, TYMS, APP, ELAVL1,</p> <p>Protein Size: 344</p>
Molecular Weight:	38 kDa
Gene ID:	56270
NCBI Accession:	<a href="#">NM_019613</a> , <a href="#">NP_062559</a>
UniProt:	<a href="#">Q5MNZ6</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 344 AA
Restrictions:	For Research Use only

## Handling

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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.

## Handling

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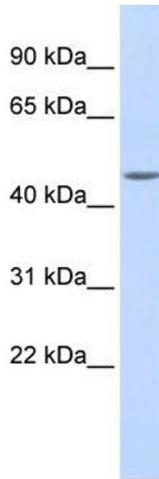
Storage: -20 °C

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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

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### Western Blotting

**Image 1.** WB Suggested Anti-WDR45L Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Muscle