

Datasheet for ABIN2774363

**anti-DACT1 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	DACT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DACT1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	LSLVQKKTHP VRTNKPRTSV NADPTKGLLR NGSVCVRAPG GVSQGN SVN L
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 92%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 92%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against DACT1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	DACT1
Alternative Name:	DACT1 ( <a href="#">DACT1 Products</a> )
Background:	DACT1 positively regulates DVL2-mediated signaling pathways during development. It binds to

## Target Details

DVL2 and impedes the degradation of CTNNB1/beta-catenin, thereby enhancing the transcriptional activation of target genes of the Wnt signaling pathway.

Alias Symbols: DAPPER, DAPPER1, DPR1, FRODO, HDPR1, THYEX3

Protein Interaction Partner: BECN1, PIK3C3, ATG14, CBX6, PPP1CC, Dact1, Dact3, C7orf25, TK1, SH3GL2, CSNK2B, LEF1, HDAC1,

Protein Size: 836

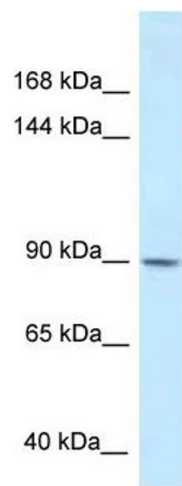
Molecular Weight:	92 kDa
Gene ID:	51339
NCBI Accession:	<a href="#">NM_016651</a> , <a href="#">NP_057735</a>
UniProt:	<a href="#">Q9NYF0</a>
Pathways:	<a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 836 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
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.



Western Blotting

**Image 1.** WB Suggested Anti-DACT1 Antibody Titration: 1.0 ug/ml Positive Control: 293T Whole Cell