

Datasheet for ABIN1539455  
**anti-FZR1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	FZR1
Binding Specificity:	AA 53-81, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This FZR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the N-terminal region of human FZR1.
Clone:	RB39496
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	FZR1
Alternative Name:	FZR1 ( <a href="#">FZR1 Products</a> )
Background:	Key regulator of ligase activity of the anaphase promoting complex/cyclosome (APC/C), which

## Target Details

confers substrate specificity upon the complex. Associates with the APC/C in late mitosis, in replacement of CDC20, and activates the APC/C during anaphase and telophase. The APC/C remains active in degrading substrates to ensure that positive regulators of the cell cycle do not accumulate prematurely. At the G1/S transition FZR1 is phosphorylated, leading to its dissociation from the APC/C. Following DNA damage, it is required for the G2 DNA damage checkpoint: its dephosphorylation and reassociation with the APC/C leads to the ubiquitination of PLK1, preventing entry into mitosis.

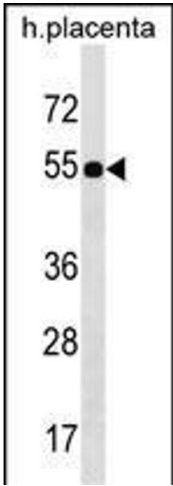
Molecular Weight:	55179
Gene ID:	51343
NCBI Accession:	<a href="#">NP_001129669</a> , <a href="#">NP_001129670</a> , <a href="#">NP_057347</a>
UniProt:	<a href="#">Q9UM11</a>
Pathways:	<a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	FZR1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** FZR1 Antibody (N-term) (ABIN1539455 and ABIN2850392) western blot analysis in human placenta tissue lysates (35 µg/lane). This demonstrates the FZR1 antibody detected the FZR1 protein (arrow).