

Datasheet for ABIN5027150

**anti-DEPTOR antibody (AA 111-301)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	DEPTOR
Binding Specificity:	AA 111-301
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEPTOR antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A partial length recombinant DEPTOR protein (amino acids 111-301) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

## Target Details

Target:	DEPTOR
Alternative Name:	DEPTOR/DEPDC6 ( <a href="#">DEPTOR Products</a> )
Background:	DEPTOR is an mTOR inhibitor whose expression is negatively regulated by mTOR. DEPTOR expression is required to maintain PI3K and Akt activation and to inhibit apoptosis. DEPTOR is expressed in different microvascular ECs (endothelial cells). It plays a key role in maintaining

## Target Details

	stem cell pluripotency by limiting mTOR activity in undifferentiated embryonic stem cells (ESCs). It is overexpressed in RPMI-8226 human multiple myeloma cells, and plays an important role in maintaining cell survival.
Molecular Weight:	46 kDa
Gene ID:	64798
UniProt:	<a href="#">Q8TB45</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">BCR Signaling</a> , <a href="#">Warburg Effect</a>

## Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

## Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
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:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

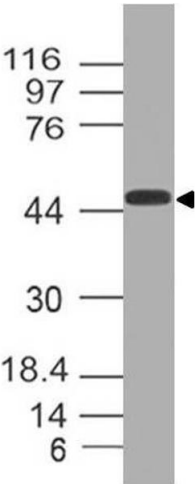


Image 1.