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## Datasheet for ABIN7265841 anti-BCDIN3D antibody (AA 1-292)

### Overview

Quantity:	100 µL
Target:	BCDIN3D
Binding Specificity:	AA 1-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCDIN3D antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	BCDIN3D Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-292 of human BCDIN3D (NP_859059.1).
Sequence:	MAVPTELDGG SVKETAAEEE SRVLAPGAAP FGNFPHYSRF HPPEQRLRL PPELLRQLFP ESPENGPILG LDVGCNSGDL SVALYKHFLS LPDGETCSDA SREFRLLCCD IDPVLVKRAE KECPFPDALT FITLDFMNQR TRKVLLSSFL SQFGRSVFDI GFCMSITMWI HLNHGDHGLW EFLAHLSSLC HYLLVEPQPW KCYRAAARRL RKLGLHDFDH FHSLAIRGDM PNQIVQILTQ DHGMELICCF GNTSWDRSLL LFRAKQTIET HPIPESLIEK GKEKNRSLFQ KQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Product Details

Purification: Affinity purification

## Target Details

Target: BCDIN3D

Alternative Name: BCDIN3D ([BCDIN3D Products](#))

Background: O-methyltransferase that specifically monomethylates 5'-monophosphate of cytoplasmic histidyl tRNA (tRNA(His, acting as a capping enzyme by protecting tRNA(His from cleavage by DICER1. Also able, with less efficiently, to methylate the 5' monophosphate of a subset of pre-miRNAs, acting as a negative regulator of miRNA processing. The 5' monophosphate of pre-miRNAs is recognized by DICER1 and is required for pre-miRNAs processing: methylation at this position reduces the processing of pre-miRNAs by DICER1. Was also reported to mediate dimethylation of pre-miR-145, however dimethylation cannot be reproduced by another group which observes a monomethylation of pre-miR-145.,BCDIN3D,Cell Biology & Developmental Biology,BCDIN3D

Gene ID: 144233

UniProt: [Q7Z5W3](#)

## Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.