

Datasheet for ABIN7265842

**anti-BCDIN3D antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	BCDIN3D
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCDIN3D antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Bcdin3d Rabbit pAb
Immunogen:	Recombinant protein of Mouse Bcdin3d.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	BCDIN3D
Alternative Name:	Bcdin3d ( <a href="#">BCDIN3D Products</a> )
Background:	O-methyltransferase that specifically monomethylates 5'-monophosphate of cytoplasmic

## Target Details

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.,AV138748, 4930556P03Rik,Bcdin3d

Molecular Weight: 32kDa

Gene ID: 75284

UniProt: [Q91YP1](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

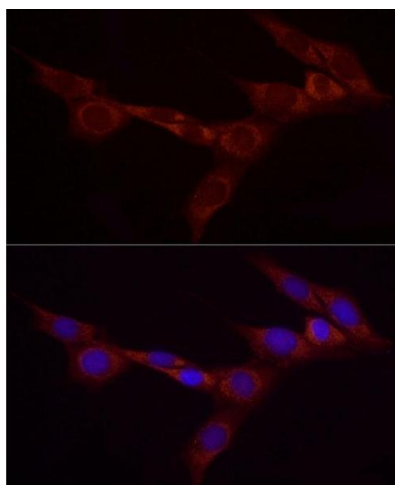
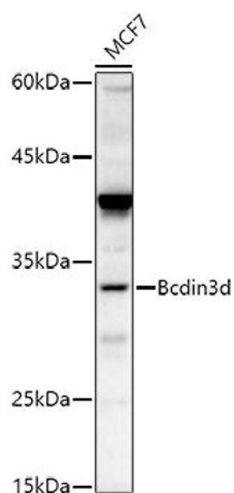
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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.



### Western Blotting

**Image 1.** Western blot analysis of extracts of MCF7 cells, using Bcdin3d antibody (ABIN7265842) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

### Immunofluorescence

**Image 2.** Immunofluorescence analysis of NIH/3T3 cells using Bcdin3d Rabbit pAb (ABIN7265842) at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.