

Bcdin3d polyclonal antibody

Catalog: BS78095

Host: Rabbit

Reactivity: Human, Mouse

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

33KDa

Swiss-Prot:

Q91YP1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

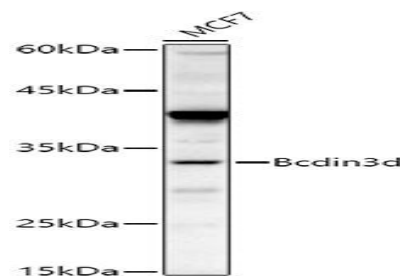
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

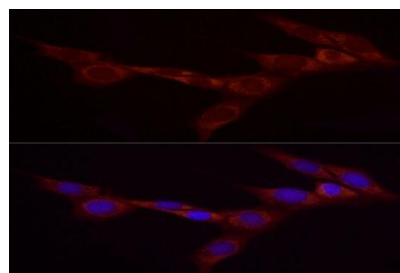
Modification:

Unmodification

DATA:



Western blot analysis of extracts of MCF7 cells, using Bcdin3d antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of NIH/3T3 cells using Bcdin3d Rabbit pAb at dilution of 1:25. Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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