

Anti-ZCCHC11 Antibody

Catalog Number: A06198-1

About ZCCHC11

ZCCHC11, also named as KIAA0191 and TUT4, is an uridylyltransferase that acts as a suppressor of microRNA (miRNA) biogenesis by specifically mediating the terminal uridylation of some miRNAs. ZCCHC11 catalyzes the 3' uridylation of precursor let-7 (pre-let-7), a miRNA precursor. Uridylated pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Degradation of pre-let-7 contributes to the maintenance of embryonic stem (ES) cells and is required for ES cells to maintain pluripotency. ZCCHC11 can't bind RNA by itself, recruited to pre-let-7 miRNAs via its interaction with LIN28 and LIN28B. Also catalyzes the 3' uridylation of miR-26A, a miRNA that represses IL6 transcript, leading to abrogate IL6 transcript repression and promote cytokine expression. ZCCHC11 may also suppress Toll-like receptor-induced NF-kappa-B activity via binding to T2BP. This antibody is specific to the 185 kd ZCCHC11 protein.

Overview

Product Name	Anti-ZCCHC11 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZCCHC11 Antibody catalog # A06198-1. Tested in WB, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IF, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5TAX3

Technical Details

Immunogen	Peptide
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunocytochemistry/Immunofluorescence, 1:50-400
Immunoprecipitation, 1:50
ELISA, 1:100-1000

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