

## Anti-C16orf84/CTU2 Antibody

Catalog Number: A10342

### About CTU2

Cytoplasmic tRNA 2-thiolation protein 2 (CUT2), also named as C16orf84 or NCS2, is a 515 amino acid protein, which belongs to the CUT2 family. C16orf84 localizes in the cytoplasm and Plays a central role in 2-thiolation of mcm5S2U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). C16orf84 may act by forming a heterodimer with CTU1/ATPBD3 that ligates sulfur from thio-carboxylated URM1 onto the uridine of tRNAs at wobble position.

### Overview

Product Name	Anti-C16orf84/CTU2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-C16orf84/CTU2 Antibody catalog # A10342. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 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 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q2VPK5

### Technical Details

Immunogen	E.coli-derived human C16orf84/CTU2 recombinant protein (Position: L167-G513).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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