

Anti-ZCCHC8 Antibody

Catalog Number: A10566-1

About ZCCHC8

The eukaryotic RNA exosome participates extensively in RNA processing and degradation. In human cells, three accessory factors (RBM7, ZCCHC8 and hMTR4) interact to form the nuclear exosome targeting (NEXT) complex, which directs a subset of non-coding RNAs for exosomal degradation. ZCCHC8 acts as a scaffold, mediating the interaction between RBM7 and MTR4. NEXT is involved in exosome-mediated surveillance and decay of noncoding RNAs, such as enhancer RNAs (eRNAs) and aberrant 3'-extended transcripts from small nuclear RNA (snRNA), telomerase RNA, and replication-dependent histone genes. NEXT is an important node in regulating nuclear exosome activities and takes part in several biological processes, including DNA damage response, stress response, and viral ribogenesis. ZCCHC8 also has a robust interaction with YTHDC1 (PMID: 28984244).

Overview

Product Name	Anti-ZCCHC8 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZCCHC8 Antibody catalog # A10566-1. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC, 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 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6NZY4

Technical Details

Immunogen	E.coli-derived human ZCCHC8 recombinant protein (Position: V357-A705).
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
ELISA, 1:100-1000

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Anti-ZCCHC8 Antibody

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