

## Anti-CCDC139 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 60 kDa. Actual: 62 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with CCDC139 polyclonal antibody, unconjugated (TMAB-03738) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PUS10/CCDC139
Antigen Species:	Human
Gene ID:	150962
Uniprot ID:	Q3MIT2

## Research Background

Pseudouridination is the isomerization of uridine to pseudouridine. It is the most common posttranscriptional nucleotide modification found in RNA. It is essential for biologic functions such as spliceosome biogenesis. Pseudouridylate synthases, such as PUS10, catalyze pseudouridination of structural RNAs, including transfer, ribosomal, and splicing RNAs. These enzymes also act as RNA chaperones which facilitate the correct folding and assembly of tRNAs.

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