

## Datasheet for ABIN7120902 **anti-YTHDC2 antibody**



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### Overview

Quantity:	100 µg
Target:	YTHDC2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

### Product Details

Immunogen:	3'-5' RNA helicase YTHDC2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	YTHDC2
Alternative Name:	YTHDC2 ( <a href="#">YTHDC2 Products</a> )
Background:	Synonyms:YTHDC2, CAHL Background:This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein binds to N6-methyladenosine, a common modified RNA nucleotide that is enriched in the stop codons and 3' UTRs of eukaryotic messenger RNAs. Binding of proteins to this modified nucleotide may regulate mRNA translation and stability. This gene may be

### Target Details

	associated with susceptibility to pancreatic cancer in human patients, and knockdown of this gene resulted in reduced proliferation in a human liver cancer cell line.
Molecular Weight:	160 kDa
UniProt:	<a href="#">Q9H6S0</a>

### Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:50-1:200
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months