

Datasheet for ABIN7173520
anti-C2orf60 antibody (AA 1-152)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	C2orf60
Binding Specificity:	AA 1-152
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2orf60 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human tRNA wybutosine-synthesizing protein 5 protein (1-152AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	C2orf60
Alternative Name:	TYW5 (C2orf60 Products)
Background:	Background: tRNA hydroxylase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3' end of tRNA.

Target Details

position adjacent to the anticodon of eukaryotic phenylalanine tRNA. Catalyzes the hydroxylation of 7-(a-amino-a-carboxypropyl)wyosine (yW-72) into undermodified hydroxywybutosine (OHyW*). OHyW* being further transformed into hydroxywybutosine (OHyW) by LCMT2/TYW4. OHyW is a derivative of wybutosine found in higher eukaryotes. Aliases: TYW5 antibody, C2orf60 antibody, tRNA wybutosine-synthesizing protein 5 antibody, hTYW5 antibody, EC 1.14.11.42 antibody, tRNA(Phe antibody, 7-(3-amino-3-carboxypropyl)wyosine(37)-C(2))-hydroxylase antibody

UniProt: [A2RUC4](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

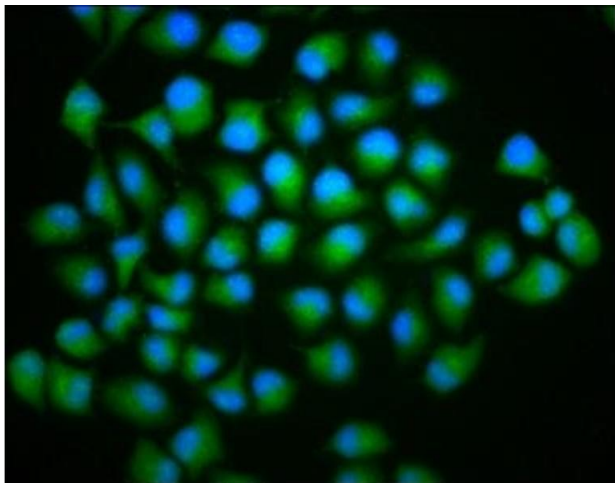
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7173520 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).