

Datasheet for ABIN7175108  
**anti-UMPS antibody (AA 314-444)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	UMPS
Binding Specificity:	AA 314-444
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UMPS antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Uridine 5\'-monophosphate synthase protein (314-444AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	UMPS
Alternative Name:	UMPS ( <a href="#">UMPS Products</a> )
Background:	Background: cytoplasm, cytosol, nucleus, orotate phosphoribosyltransferase activity, orotidine-5\'-phosphate decarboxylase activity, pyrimidine nucleoside biosynthetic process, UMP

## Target Details

biosynthetic process

Aliases: ODC antibody, OMPdecase antibody, OPRT antibody, OPRTase antibody, Orotate phosphoribosyl transferase and orotidine 5' decarboxylase antibody, Orotate phosphoribosyltransferase antibody, Orotate phosphoribosyltransferase phosphoribosyltransferase antibody, Orotidine 5' phosphate decarboxylase antibody, Orotidine 5''-phosphate decarboxylase antibody, RP11-71H17.9 antibody, UMP synthase antibody, Umps antibody, UMPS\_HUMAN antibody, Uridine 5' monophosphate synthase antibody, Uridine monophosphate synthetase antibody

UniProt: [P11172](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

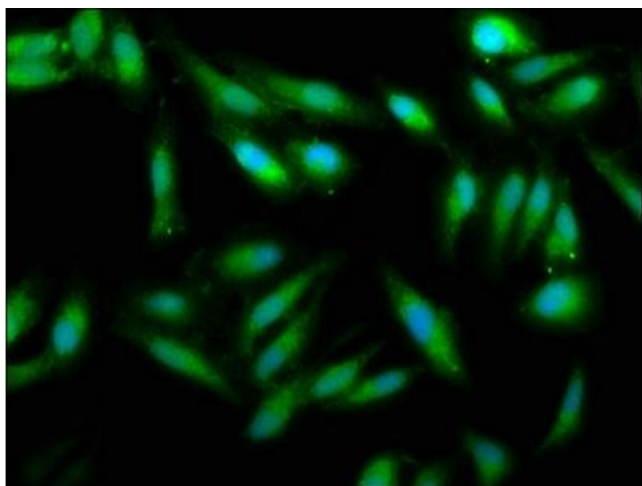
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

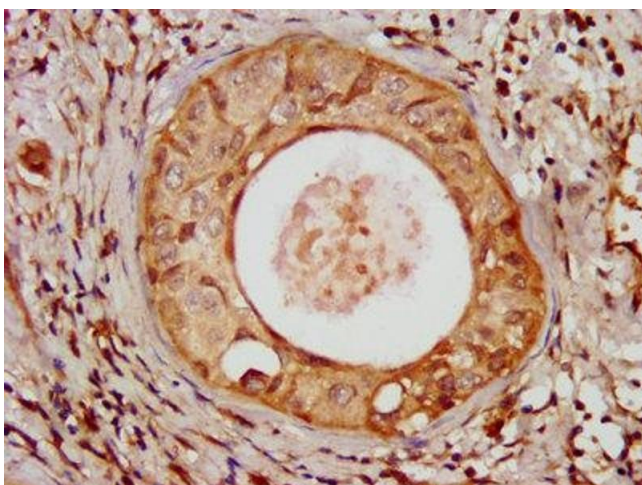
Storage: -20 °C,-80 °C

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



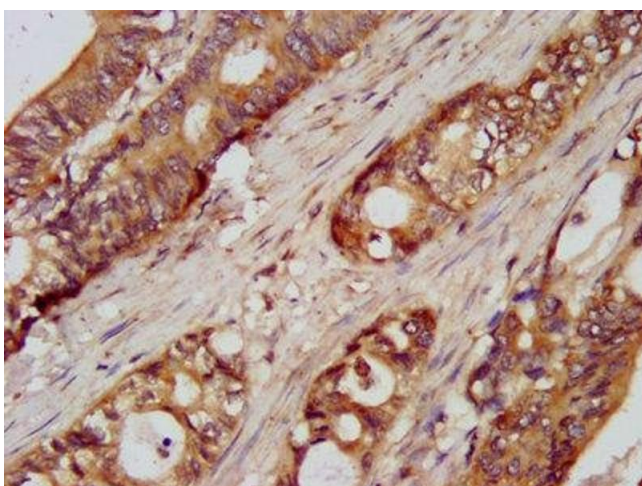
#### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with ABIN7175108 at 1:33, 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).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7175108 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7175108 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.