

Datasheet for ABIN7174324
anti-USP37 antibody (AA 671-797)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	USP37
Binding Specificity:	AA 671-797
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP37 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 37 protein (671-797AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	USP37
Alternative Name:	USP37 (USP37 Products)
Background:	Background: Deubiquitinase that antagonizes the anaphase-promoting complex (APC/C) during G1/S transition by mediating deubiquitination of cyclin-A (CCNA1 and CCNA2), thereby

Target Details

promoting S phase entry. Specifically mediates deubiquitination of 'Lys-11'-linked polyubiquitin chains, a specific ubiquitin-linkage type mediated by the APC/C complex. Also mediates deubiquitination of 'Lys-48'-linked polyubiquitin chains in vitro. Phosphorylation at Ser-628 during G1/S phase maximizes the deubiquitinase activity, leading to prevent degradation of cyclin-A (CCNA1 and CCNA2) (PubMed:21596315). Plays an important role in the regulation of DNA replication by stabilizing the licensing factor CDT1 (PubMed:27296872). Aliases: Deubiquitinating enzyme 3 antibody, Deubiquitinating enzyme 37 antibody, EC 3.1.2.15 antibody, KIAA1594 antibody, MGC117261 antibody, OTTHUMP00000164146 antibody, tmp_locus_50 antibody, Ubiquitin carboxyl-terminal hydrolase 37 antibody, Ubiquitin specific peptidase 37 antibody, Ubiquitin specific processing protease 37 antibody, Ubiquitin specific protease 37 antibody, Ubiquitin thioesterase 37 antibody, Ubiquitin thiolesterase 37 antibody, Ubiquitin-specific-processing protease 37 antibody, UBP37_HUMAN antibody, USP37 antibody

UniProt: [Q86T82](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

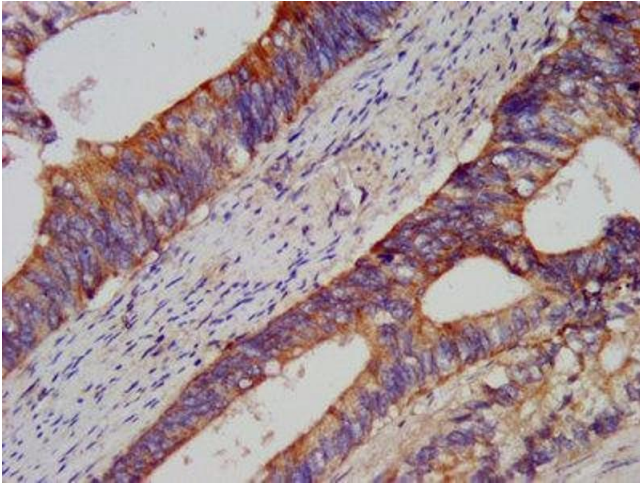
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7174324 diluted at 1:200 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.