

Datasheet for ABIN7271149
anti-USP21 antibody (AA 400-500)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	USP21
Binding Specificity:	AA 400-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	USP21 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human USP21 (NP_001014443.1).
Sequence:	LSLPIPKKGF AGGKVSLRDC FNLFTKEEEL ESENAPVCDR CRQKTRSTKK LTVQRFPRIL VLHLNRFSSAS RGSIKKSSVG VDFPLQRLSL GDFASDKAGS P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

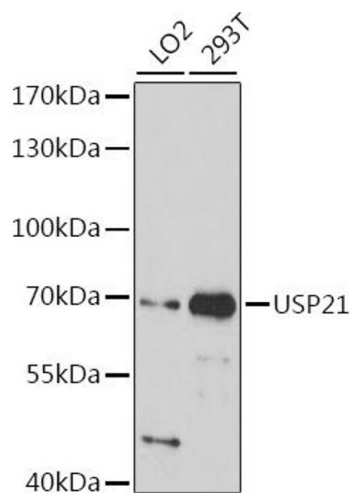
Target:	USP21
Alternative Name:	USP21 (USP21 Products)
Background:	This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,USP21,USP16,USP23,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Ubiquitin,USP21
Molecular Weight:	42kDa/61kDa/62kDa
Gene ID:	27005
UniProt:	Q9UK80

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using USP21 antibody (ABIN7271149) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.