

Datasheet for ABIN2774072

anti-USP21 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	USP21
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP21 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Mouse Usp21
Sequence:	PLPPRPGPPD ERLKKLELGR GRTSGSRPRG PLRADHGVPL PGSPPPAVAL
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Usp21. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	USP21
Alternative Name:	Usp21 (USP21 Products)

Target Details

Background:	<p>Usp21 deubiquitinates histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A releases the repression of di- and trimethylation of histone H3 at 'Lys-4', resulting in regulation of transcriptional initiation. Usp21 regulates gene expression via histone H2A deubiquitination. It is also capable of removing NEDD8 from NEDD8 conjugates but has no effect on Sentrin-1 conjugates.</p> <p>Alias Symbols: ESTM28, Usp16, Usp23, W53272</p> <p>Protein Interaction Partner: Eed, TGFBR1, ACVR1,</p> <p>Protein Size: 566</p>
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Molecular Weight:	62 kDa
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Gene ID:	30941
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NCBI Accession:	NM_013919 , NP_038947
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UniProt:	Q9QZL6
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 566 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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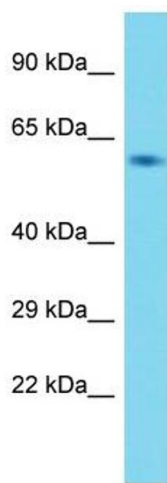
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting
Image 1. Host: Rabbit
Target Name: Usp21
Sample Tissue: Mouse Brain lysates
Antibody Dilution: 1.0 µg/mL