

## Goat anti-USP21 Antibody

<b>Item Number</b>	dAP-1491
<b>Target Molecule</b>	Principle Name: USP21; Official Symbol: USP21; All Names and Symbols: USP21; ubiquitin specific peptidase 21; MGC3394; USP16; USP23; NEDD8-specific protease; deubiquitinating enzyme 21; ubiquitin carboxyl-terminal hydrolase 21; ubiquitin specific protease 21; ubiquitin thiolesterase 21; ubiquitin-specific processing proteas; Accession Number (s): NP_036607.3; Human Gene ID(s): 27005; Non-Human GeneID (s): 30941 (mouse)
<b>Immunogen</b>	GRTREPPVNIQP, is from N Terminus Reported variants represent identical protein: NP_001014443.1 NP_036607.3
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Thyroid, Thymus and Tonsil lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported?
<b>IHC</b>	
<b>Reference</b>	Reference(s): Gong L, Kamitani T, Millas S, Yeh ET. Identification of a novel isopeptidase with dual specificity for ubiquitin- and NEDD8-conjugated proteins. J Biol Chem. 2000 May 12;275(19):14212-6. PMID: 10799498->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**