

Goat anti-USP16 Antibody

Item Number	dAP-1978
Target Molecule	Principle Name: USP16; Official Symbol: USP16; All Names and Symbols: USP16; ubiquitin specific peptidase 16; UBP-M; deubiquitinating enzyme 16; ubiquitin carboxyl-terminal hydrolase 16; ubiquitin specific protease 16; ubiquitin thioesterase 16; ubiquitin-specific processing protease 16; Accession Number (s): NP_001027582.1; NP_001001992.1; Human Gene ID(s): 10600; Non-Human GeneID(s): 74112 (mouse) 288306 (rat)
Immunogen	NVEWNICQDCKTDNK, is from internal region Reported variants represent identical protein: NP_001027582.1 NP_006438.1
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 50kDa and 26kDa in lysates of cell lines HEK293, A549 and HeLa after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe
IHC	
Reference	Reference(s): Joo HY, Zhai L, Yang C, Nie S, Erdjument-Bromage H, Tempst P, Chang C, Wang H Regulation of cell cycle progression and gene expression by H2A deubiquitination. <i>Nature</i> . 2007 Oct 25;449 (7165):1068-72. Epub 2007 Oct 3. PMID: 17914355->

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**