

## Goat anti-USP6 (aa142-155) Antibody

<b>Item Number</b>	dAP-2647
<b>Target Molecule</b>	Principle Name: USP6 (aa142-155); Official Symbol: USP6; All Names and Symbols: USP6; ubiquitin specific peptidase 6 (Tre-2 oncogene); HRP1; TRE17; TRE2; Tre-2; USP6-short; OTTHUMP00000125301; deubiquitinating enzyme 6; hyperpolymorphic gene 1; proto-oncogene TRE-2; tre-2 oncogene; ubiquitin carboxyl-terminal hydrolase 6; ubiquitin s; Accession Number (s): NP_004496.2; Human Gene ID(s): 9098; Non-Human GeneID(s): 237898 (mouse)
<b>Immunogen</b>	HHIDLDVRTTLLRNH, is from internal region (near N Terminus) This antibody is expected NOT to cross react to USP32 or to the TBC1D3 proteins.
<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 4000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Testis, Prostate and Placenta 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 re
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ye Y, Pringle LM, Lau AW, Riquelme DN, Wang H, Jiang T, Lev D, Welman A, Blobel GA, Oliveira AM, Chou MM. TRE17/USP6 oncogene translocated in aneurysmal bone cyst induces matrix metalloproteinase production via activation of NF-κappaB. Oncogene. 2010 Jun 24;29(25):3619-29.. PMID: 20533333

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**