

Goat anti-USP20 / VDU2 Antibody

Item Number	dAP-0236
Target Molecule	Principle Name: USP20 / VDU2; Official Symbol: USP20; All Names and Symbols: USP20; VDU2; ubiquitin specific protease 20; KIAA1003; pVHL-interacting deubiquitinating enzyme 2; ubiquitin specific peptidase 20; LSFR3A; Accession Number (s): NP_006667.3; Human Gene ID(s): 10868; Non-Human GeneID(s): 74270 (mouse)
Immunogen	HGEQKIEAETRAV, is from C Terminus Reported variants represent identical protein (NP_006667.3; NP_001103773.2; NP_001008563.2).
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 4000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Tonsil lysates (calculated MW of 102kDa according to NP_006667.3). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Lymph Node shows strongest staining in smooth muscle cells surrounding a vessel. Data obtained from a previous batch (different goat). Recommended concentration, 3 µg/ml.
Reference	Reference(s): Curcio-Morelli C, Zavacki AM, Christofollete M, Gereben B, de Freitas BC, Harney JW, Li Z, Wu G, Bianco AC. Deubiquitination of type 2 iodothyronine deiodinase by von Hippel-Lindau protein-interacting deubiquitinating enzymes regulates thyroid hormone activation. J Clin Invest. 2003 Jul;112

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 ender users! This product is sold for **Research Use Only**