

Goat anti-dUTPase / DUT Antibody

Item Number	dAP-3272
Target Molecule	Principle Name: dUTPase / DUT; Official Symbol: DUT; All Names and Symbols: DUT; deoxyuridine triphosphatase; dUTPase; dUTP nucleotidohydrolase; dUTP pyrophosphatase; deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial; Accession Number (s): NP_001020419.1; NP_001939.1; NP_001020420.1; Human Gene ID(s): 1854; Non-Human GeneID(s):
Immunogen	QLRFARLSEHATAPT, is from internal region This antibody is expected to recognize all reported isoforms (NP_001020419.1; NP_001939.1; NP_001020420.1).
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 20kDa band observed in lysates of cell lines HEK293 and HeLa (calculated MW of 17.7kDa according to NP_001939.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Tóth J, Varga B, Kovács M, Málnási-Csizmadia A, Vértessy BG. Kinetic mechanism of human dUTPase, an essential nucleotide pyrophosphatase enzyme. The Journal of biological chemistry 2007 Nov 28; 282(46): 33572-82. PMID: 17848562->

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**