



Goat anti-HSP60 / HSPD1 (aa333-344) Antibody

Item Number	dAP-3322
Target Molecule	Principle Name: HSP60 / HSPD1 (aa333-344); Official Symbol: HSPD1; All Names and Symbols: HSPD1; heat shock 60kDa protein 1 (chaperonin); CPN60; GROEL; HLD4; HSP-60; HSP60; HSP65; HuCHA60; SPG13; 60 kDa chaperonin; 60 kDa heat shock protein, mitochondrial; P60 lymphocyte protein; chaperonin 60; heat shock protein 65; mitochondrial matrix prote; Accession Number (s): NP_002147.2; Human Gene ID(s): 3329; Non-Human GeneID(s):
Immunogen	NLEDVQPHDLGK, is from internal region Reported variants represent identical protein: NP_955472.1, NP_002147.2.
Applications	Pep ELISA, IF, WB Species Tested: Human, Rat, Pig
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 64000.
Western Blot	Western Blot: Approx 60kDa band observed in Human and Pig Heart, Kidney and Liver and in Rat Kidney lysates (calculated MW of 61.1kDa according to Human NP_002147.2 and 60.9kDa according to Pig NP_001241645.1 and Rat NP_071565.2). Recommended concentrat
IHC	
Reference	Reference(s): Patil SA, Katyayani S, Sood A, Kavitha AK, Marimuthu P, Taly AB. Possible significance of anti-heat shock protein (HSP-65) antibodies in autoimmune myasthenia gravis. Journal of neuroimmunology 2013 Apr 257 (1-2): 107-9..PMID: 23466130->

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**