

Goat anti-ATP5F1 (aa142-153) Antibody

Item Number	dAP-3111
Target Molecule	Principle Name: ATP5F1 (aa142-153); Official Symbol: ATP5F1; All Names and Symbols: ATP5F1; ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit B1; PIG47; ATP synthase B chain, mitochondrial; ATP synthase subunit b, mitochondrial; ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit B1; ATP synthase, H ⁺ transport; Accession Number (s): NP_001679.2; Human Gene ID(s): 515; Non-Human GeneID(s):
Immunogen	SIQHIQNADTE, is from internal region
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 128000.
Western Blot	Western Blot: Approx 25kDa band observed in Human Heart lysates (calculated MW of 28.9kDa according to NP_001679.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concen
IHC	
Reference	Reference(s): Elston T, Wang H, Oster G. Energy transduction in ATP synthase. Nature 1998 Jan 391 (6666): 510-3. PMID: 9461222->

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**