



## Goat anti-ETFB / FP585 (aa 152-165) Antibody

<b>Item Number</b>	dAP-2159
<b>Target Molecule</b>	Principle Name: ETFB / FP585 (aa 152-165); Official Symbol: ETFB; All Names and Symbols: ETFB; electron-transfer-flavoprotein, beta polypeptide; FP585; MADD; electron transfer flavoprotein beta subunit; electron transfer flavoprotein beta-subunit; electron transfer flavoprotein, beta polypeptide; electron-transferring-flavoprotein, beta polyp; Accession Number (s): NP_001976.1; NP_001014763.1; Human Gene ID(s): 2109; Non-Human GeneID(s): 110826 (mouse) 292845 (rat)
<b>Immunogen</b>	QVTLEGDKLKVERE, is from internal region This antibody is expected to recognize both reported isoforms (NP_001976.1; NP_001014763.1). Amino acid numbering in the name above refers to NP_001976.1.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human, Mouse, Rat
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 27kDa band observed in Human, Mouse and Rat Liver lysates (calculated MW of 27.8kDa according to NP_001976.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Liver shows mitochondrial staining in hepatocytes. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	Reference(s): Ohkuma A, Noguchi S, Sugie H, Malicdan MC, Fukuda T, Shimazu K, Lpez LC, Hirano M, Hayashi YK, Nonaka I, Nishino I, Clinical and genetic analysis of lipid storage myopathies. Muscle & nerve 2009 Mar 39 (3): 333-42..PMID: 19208393->

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**