

## Goat anti-ETFA (aa139-152) Antibody

<b>Item Number</b>	dAP-2240
<b>Target Molecule</b>	Principle Name: ETFA (aa139-152); Official Symbol: ETFA; All Names and Symbols: ETFA; electron-transfer-flavoprotein, alpha polypeptide; EMA; GA2; MADD; electron transfer flavoprotein alpha-subunit; electron transfer flavoprotein, alpha polypeptide; glutaric aciduria II; Accession Number (s): NP_000117.1; NP_001121188.1; Human Gene ID(s): 2108; Non-Human GeneID(s): 110842 (mouse) 300726 (rat)
<b>Immunogen</b>	KSPDTFVRTIYAGN, is from internal region This antibody is expected to recognize both isoforms (NP_000117.1; NP_001121188.1). Amino acid numbering in name refers to NP_000117.1 sequence)
<b>Applications</b>	Pep ELISA, WB  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 16000.
<b>Western Blot</b>	Western Blot: Approx 30+35kDa bands observed in Human Colon lysates and in Mouse and Rat Small Intestine lysates (calculated MW of 35.1kDa according to NP_000117.1 and of 30.0kDa according to NP_001121188.1. Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ohkuma A, Noguchi S, Sugie H, Malicdan MC, Fukuda T, Shimazu K, LÃ³pez 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**