

Goat anti-ETFA (aa139-152) Antibody

Item Number	dAP-2240
Target Molecule	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 GenelD(s): 110842 (mouse) 300726 (rat)
Immunogen	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)
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 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.
IHC	
Reference	Reference(s): Ohkuma A, Noguchi S, Sugie H, Malicdan MC, Fukuda T, Shimazu K, Lázquez 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 end users! This product is sold for **Research Use Only**