Goat anti-ALS2CR2 / ILPIP Antibody

Item Number	dAP-0147

Target Molecule

Principle Name: ALS2CR2 / ILPIP; Official Symbol: STRADB; All Names and Symbols: STRADB; ALS2CR2; ILPIP; PAPK; ILPIPA; CALS-21; PRO1038; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2; ILP-interacting protein ILPIPA; STE20-related kinase adaptor beta; STRAD beta; pseudokinase ALS2CR2; Accession Number (s): NP_061041.2; AAF71042.1; Human Gene ID(s): 55437; Non-Human GeneID(s):

Immunogen

CDFPDEKDSYWEF, is from C Terminus
This is expected to recognise both human isoforms: ILPIP-alpha (NP_061041.2) and ILPIP-beta (AAF71042.1).

Applications

Pep ELISA, WB, IHC

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; Reconsititute 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 32000.

Western Blot

Western Blot: Approx 35kDa band observed in Human Heart, Liver and Muscle lysates (calculated MW of 47.0kDa according to NP_061041.2 (alpha isoform) and 31.2kDa according to AAF71042.1(beta isoform). In transfected HEK293 transiently expressing ILPIP a b

IHC

Immunohistochemistry: Immunohistochemistry: In paraffin embedded Human Heart shows staining of myocardial fibres in transverse section. Recommended concentration, 3-5µg/ml.

Reference

Reference(s): Sanna MG, da Silva Correia J, Luo Y, Chuang B, Paulson LM, Nguyen B, Deveraux QL, Ulevitch RJ. ILPIP, a novel anti-apoptotic protein that enhances XIAP-mediated activation of JNK1 and protection against apoptosis. J Biol Chem. 2002 Aug 23;277(34):30454-62..PMID: 12048196 ->

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