ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Aspartyl-tRNA Synthetase (N terminus) Antibody

Item Number

dAP-3409

Target Molecule

Principle Name: Aspartyl-tRNA Synthetase (N terminus); Official Symbol: Dars; All Names and Symbols: Dars; aspartyl-tRNA synthetase; 5730439G15Rik; aspRS; aspartyl-tRNA synthetase, cytoplasmic; Accession Number (s): NP_803228.2; NP_663482.2; Human Gene ID(s): ; Non-Human GeneID(s): 226414 (mouse)

Immunogen

SRKGQEKPREIVD, is from N Terminus
This antibody is expected to recognize reported isoform 1 (NP_803228.2) only.

Applications

Pep ELISA, WB

Species Tested: Mouse

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 128000.

Western Blot

Western Blot: Approx 55kDa band observed in Mouse fetal Brain lysates (calculated MW of 57.1kDa according to NP_803228.2). Recommended concentration: 0.3-1µg/ml.

IHC

Reference

Reference(s): Taft RJ, Vanderver A, Leventer RJ, Damiani SA, Simons C, Grimmond SM, Miller D, Schmidt J, Lockhart PJ, Pope K, Ru K, Crawford J, Rosser T, de Coo IF, Juneja M, Verma IC, Prabhakar P, Blaser S, Raiman J, Pouwels PJ, Bevova MR, Abbink TE, van der Knaap MS, Mutations in DARS cause hypomye-

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