

Goat anti-CutA protein Antibody

Item Number dAP-3050

Target Molecule Principle Name: CutA protein; Official Symbol: CUTA; All Names and Symbols: CUTA; cutA divalent cation tolerance homolog (E. coli); ACHAP; C6orf82; acetylcholinesterase-associated protein; brain acetylcholinesterase putative membrane anchor; divalent cation tolerant protein CUTA; protein CutA; Accession Number(s): NP_001014433.1; NP_057005.1; NP_001014840.1; Human Gene ID(s): 51596; Non-Human Gene-ID(s):

Immunogen QVTESVSDSIT, is from C Terminus

This antibody is expected to recognize all reported isoforms (NP_001014433.1; NP_057005.1; NP_001014840.1). Reported variants represent identical protein: NP_001014837.1, NP_001014838.1,

Applications Pep ELISA, WB

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; 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 64000.

Western Blot Western Blot: Approx 16kDa band observed in lysates of cell line Kelly (calculated MW of 16.8kDa according to NP_057005.1). Recommended concentration: 1-3µg/ml.

IHC

Reference Reference(s): Yang J, Yang H, Yan L, Yang L, Yu L. Characterization of the human CUTA isoform2 present in the stably transfected HeLa cells. Mol Biol Rep. 2009 Jan;36(1):63-9.. PMID: 17924204->

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**