EB12231 - Goat Anti-CutA protein (aa93-105) Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

Principal Names: 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
Official Symbol: CUTA
Accession Number(s): NP_001014433.1; NP_057005.1; NP_001014840.1
Human GeneID(s): 51596
Non-Human GeneID(s): 67675 (mouse), 294288 (rat)
Important Comments: 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, NP_057005.1.

Immunogen

Peptide with sequence TCPNEKVAKEIAR, from the internal region of the protein sequence according to NP_001014433.1; NP_057005.1; NP_001014840.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Preliminary experiments in Human Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow