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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06598 - Goat Anti-ABAD / HADH2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: type 10 17beta-hydroxysteroid dehydrogenase, AB-binding alcohol dehydrogenase, type 10 17b-HSD, hydroxyacyl-Coenzyme A dehydrogenase, type II, 17b-HSD10, HSD17B10, MHBD, ERAB, ABAD, HADH2

Official Symbol: HSD17B10

Accession Number(s): NP_004484.1; NP_001032900.1

Human GeneID(s): [3028](#)

Important Comments: This antibody is expected to recognise both reported isoforms.

Immunogen

Peptide with sequence CIRLDGAIRMQP, from the C Terminus of the protein sequence according to NP_004484.1; NP_001032900.1.

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 1:32000.

Western blot: Approx 25kDa band observed in Human Brain lysates (calculated MW of 26.9kDa according to NP_004484). Recommended concentration: 0.3-2µg/ml. A minor band of unknown identity was also consistently observed at appr 38kDa. This band was successfully blocked by incubation with the immunising peptide.

Species Reactivity

Tested: Human

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

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Tilton RG, Haidacher SJ, Lejeune WS, Zhang X, Zhao Y, Kurosky A, Brasier AR, Denner L.

Diabetes-induced changes in the renal cortical proteome assessed with two-dimensional gel electrophoresis and mass spectrometry.

Proteomics. 2007 May;7(10):1729-42.

PMID: 17436268



EB06598 staining (0.3 μ g/ml) of Human Brain lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.