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Research Use Only. Not for diagnostic or therapeutic use.

EB06598 - Goat Anti-ABAD / HADH2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HADH2, ABAD, ERAB, MHBD, HSD17B10, 17b-HSD10,

hydroxyacyl-Coenzyme A dehydrogenase, type II, type 10 17b-HSD, AB-binding alcohol

dehydrogenase, type 10 17beta-hydroxysteroid dehydrogenase

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. Primary incubation 1 hour at room temperature. 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06598 staining (0.3μg/ml) of Human Brain lysate (RIPA buffer, 30μg total protein per lane). Detected by chemiluminescence.