
ERAB Antibody

Subcategory: Mouse Polyclonal Antibody

Cat. No.: 250634

Unit: 0.1 mg

Description:

Endoplasmic reticulum-associated beta-amyloid peptide binding protein (ERAB) is an intracellular polypeptide that binds to beta-amyloid-beta, a neurotoxic peptide that has been implicated in the pathogenesis of Alzheimer's disease. ERAB is a hydroxysteroid dehydrogenase enzyme expressed in normal tissues, but overexpressed in neurons affected in Alzheimer's disease. Overexpression of ERAB in cultured cells enhances the neurotoxic effects of beta-amyloid. Defects in ERAB are the cause of neurological abnormalities including mental and psychomotor retardation.

Isotype: Mouse Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: 3-hydroxyacyl-CoA dehydrogenase type-2; 3-hydroxyacyl-CoA dehydrogenase type II; Type II HADH; 3-hydroxy-2-methylbutyryl-CoA dehydrogenase; Endoplasmic reticulum-associated amyloid beta-peptide-binding protein; Short-chain type dehydrogenase/reductase XH98G2; HSD17B10; ERAB; HADH2; SCHAD; XH98G2

Accession No.: Q99714

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ERAB.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.