RecomAb™

HSD17B10 recombinant monoclonal antibody, clone R02-5I5

Catalog # RAB06422 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat HSD17B10.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human HSD17B10.
Theoretical MW (kDa)	Calculated MW: 27 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (1:50-1:100) Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

Gene Info — HSD17B10

Entrez GeneID	3028
Protein Accession#	Q99714
Gene Name	HSD17B10
Gene Alias	17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17, MRX31, MRXS10, SCHAD, SDR5C1
Gene Description	hydroxysteroid (17-beta) dehydrogenase 10
Omim ID	300256 300438
Gene Ontology	Hyperlink
Gene Summary	This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq
Other Designations	17-beta-hydroxysteroid dehydrogenase type 10|3-hydroxy-2-methylbutyryl-CoA dehydrogenase|AB-binding alcohol dehydrogenase|OTTHUMP00000023348|OTTHUMP00000023349|amyloid-beta binding polypeptide|amyloid-beta peptide binding alcohol dehydrogenase|mental reta

Pathway

- Metabolic pathways
- Valine