

Datasheet for ABIN7115148
anti-HSD17B10 antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HSD17B10
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	hydroxysteroid(17-beta) dehydrogenase 10
Clone:	6C4
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	HSD17B10
Alternative Name:	ERAB (HSD17B10 Products)
Background:	Synonyms: 17 beta HSD 10, 17b HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, HSD17B10, MHBD, MRPP2, MRX17, MRX31, MRXS10, SCHAD, SDR5C1, Type II HADH, XH98G2

Target Details

Background: Functions in mitochondrial tRNA maturation. Part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/TRMT10C, MRPP2/HSD17B10 and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends. Catalyzes the beta-oxidation at position 17 of androgens and estrogens and has 3-alpha-hydroxysteroid dehydrogenase activity with androsterone. Catalyzes the third step in the beta-oxidation of fatty acids. Carries out oxidative conversions of 7-alpha-OH and 7-beta-OH bile acids. Also exhibits 20-beta-OH and 21-OH dehydrogenase activities with C21 steroids. By interacting with intracellular amyloid-beta, it may contribute to the neuronal dysfunction associated with Alzheimer disease(AD).

Molecular Weight: 27 kDa

UniProt: [Q99714](#)

Application Details

Application Notes: WB: 1:1000-1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months