

HSD17B10 antibody

Product Information

Catalog No.:	FNab10790
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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).

Immunogen information

Immunogen:	hydroxysteroid(17-beta) dehydrogenase 10
Synonyms:	3-hydroxyacyl-CoA dehydrogenase type-2 17-beta-estradiol 17-dehydrogenase 2-methyl-3-hydroxybutyryl-CoA dehydrogenase (MHBD) 3-alpha-(17-beta)-hydroxysteroid dehydrogenase (NAD(+)) 3-hydroxy-2-methylbutyryl-CoA dehydrogenase 3-hydroxyacyl-CoA dehydrogenase type II 3alpha(or 20beta)-hydroxysteroid dehydrogenase 7-alpha-hydroxysteroid dehydrogenase Endoplasmic reticulum-associated amyloid beta-peptide-binding protein Mitochondrial ribonuclease P protein 2 (Mitochondrial RNase P protein 2) Short chain dehydrogenase/reductase family 5C member 1 Short-chain type dehydrogenase/reductase XH98G2 Type II HADH HSD17B10 ERAB HADH2 MRPP2 SCHAD SDR5C1 XH98G2

Observed MW: 27 kDa
Uniprot ID : Q99714

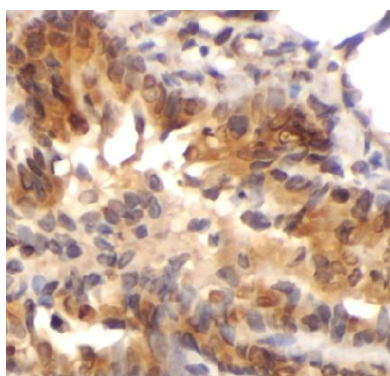
Application

Reactivity: Human, Mouse, Rat

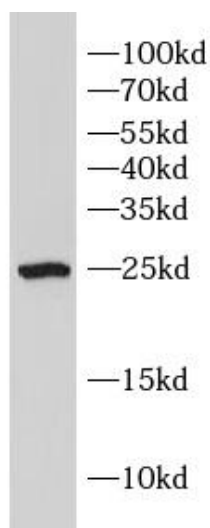
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded rat lung using FNab10790(ERAB antibody) at dilution of 1:100



293T cells were subjected to SDS PAGE followed by western blot with FNab10790(ERAB antibody) at dilution of 1:1000