

Datasheet for ABIN6142004
anti-HSD17B10 antibody (AA 1-261)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HSD17B10
Binding Specificity:	AA 1-261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human ERAB/ERAB/HSD17B10 (NP_004484.1).
Sequence:	MAAACRSVKG LVAVITGGAS GLGLATAERL VGQGASAVLL DLPNSGGAEQ AKKLGNNCVF APADVTSEKD VQTALALAKG KFG RVDVAVN CAGIAVASKT YNLKKGQTH T LEDFQRVLDV NLMGTFNVIR LVAGEMGQNE PDQGGQRGVI INTASVAAFE GQVGQAAYS A SKGGIVGMTL PIARDLAPIG IRVMTIAPGL FGTPLLTSLP EKVCNFLASQ VPFPSRLGDP AEYAHLVQAI IENPFLNGEV IRLDGAIRMQ P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target: HSD17B10

Alternative HSD17B10 ([HSD17B10 Products](#))

Name:

Background: 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 and steroids, and is a subunit of mitochondrial ribonuclease P, which is involved in tRNA maturation. The protein has been implicated in the development of Alzheimer disease, and mutations in the gene are the cause of 17beta-hydroxysteroid dehydrogenase type 10 (HSD10) deficiency. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcripts has been determined.,HSD17B10,17b-

HSD10,ABAD,CAMR,DUPXp11.22,ERAB,HADH2,HCD2,MHBD,MRPP2,MRX17,MRX31,MRXS10,SCHAD,SDR5C1,HSD10MD,B
& Metabolism,Mitochondrial metabolism,Mitochondrial markers,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque
Neurofibrillary Tangle Formation in Alzheimer's Disease,HSD17B10

Molecular 25 kDa/26 kDa

Weight:

Gene ID: 3028

UniProt: [Q99714](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

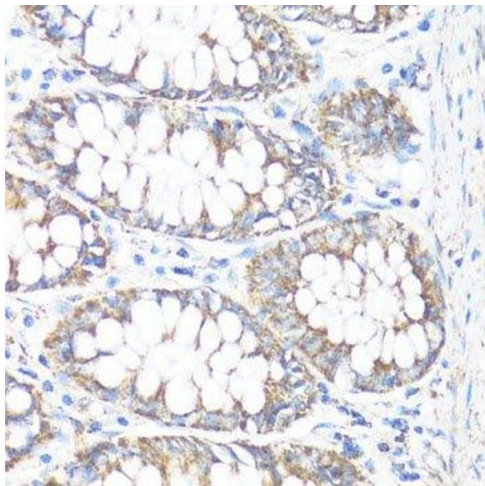
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

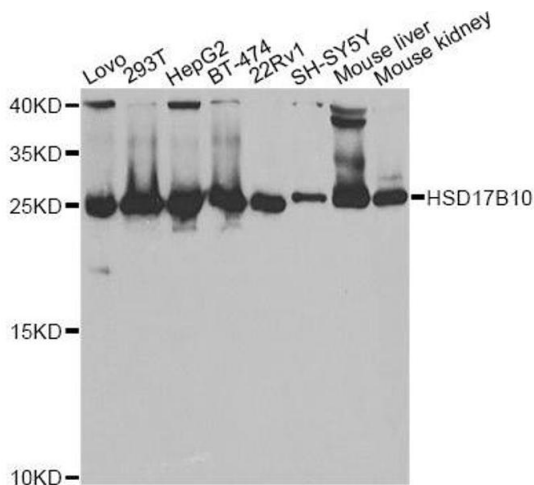
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



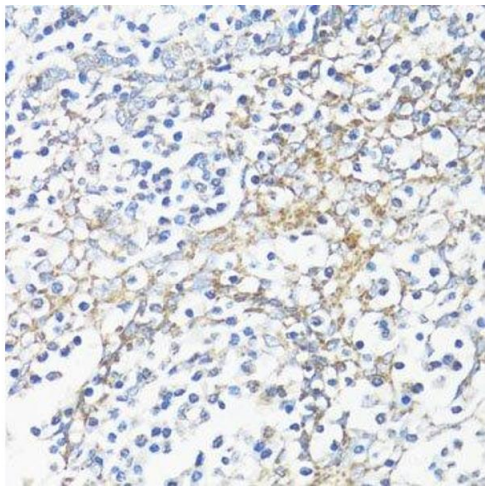
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded human colon using HSD17B10 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HSD17B10 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human tonsil using HSD17B10 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6142004.