Product Datasheet

HSD17B10 Antibody

Catalog No: #32854

Package Size: #32854-1 50ul #32854-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

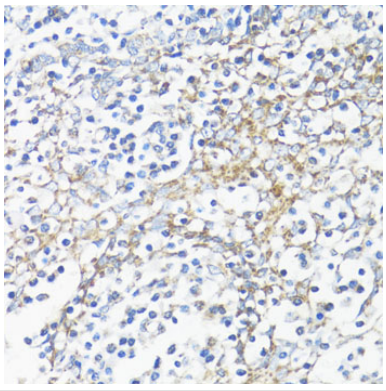
Description

Product Name	HSD17B10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HSD17B10 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HSD17B10.
Target Name	HSD17B10
Other Names	ABAD; CAMR; ERAB; HCD2; MHBD
Accession No.	Swiss-Prot:Q99714NCBI Gene ID:3028
Uniprot	Q99714
GeneID	3028;
SDS-PAGE MW	27KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

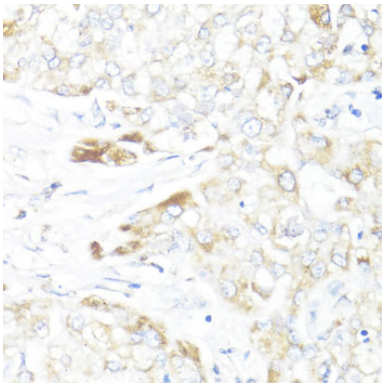
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100IF□1:50 - 1:100

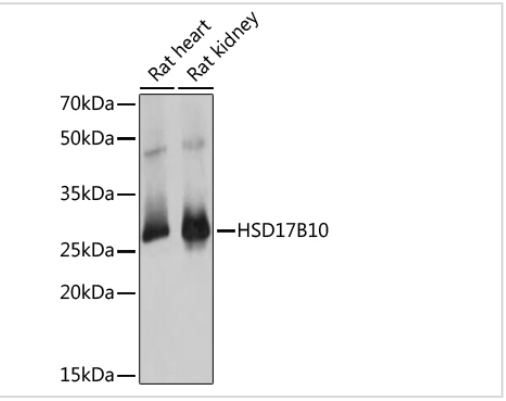
Images



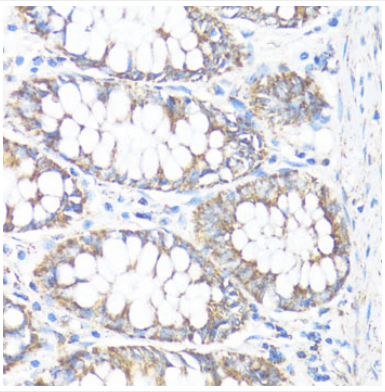
Immunohistochemistry of paraffin-embedded human tonsil using HSD17B10 at dilution of 1:100 (40x lens).



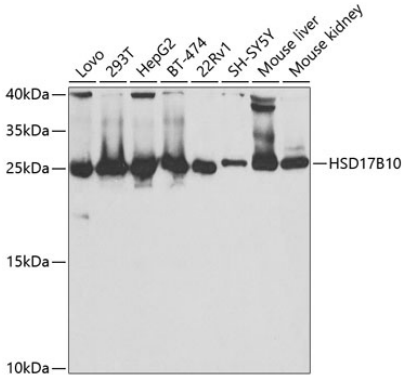
Immunohistochemistry of paraffin-embedded human liver cancer using HSD17B10 at dilution of 1:100 (40x lens).



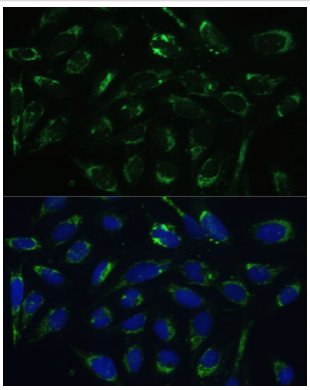
Western blot analysis of extracts of various cell lines, using HSD17B10 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human colon using HSD17B10 at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using HSD17B10 at 1:1000 dilution.



Immunofluorescence analysis of U-2 OS cells using HSD17B10 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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, 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.

Note: This product is for in vitro research use only