

Rabbit HSD17B10 Polyclonal Antibody | anti-HSD17B10 antibody

HSD17B10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169712	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

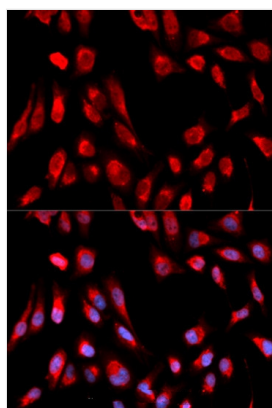
PRODUCT SYNONYMS

HSD17B10; Polyclonal Antibody; HSD17B10 Antibody; ABAD; CAMR; ERAB; HCD2; MHBD; HADH2; MRPP2; MRX17; MRX31; SCHAD; MRXS10; SDR5C1; 17b-HSD10; DUPXp11.22; anti-HSD17B10 antibody

PRODUCT SPECIFICATIONS

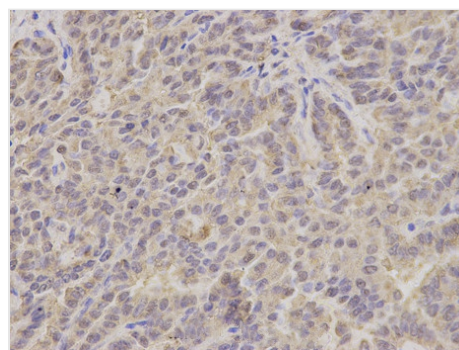
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	261
Applicable Applications for anti-HSD17B10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HSD17B10
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7689 / sc-7690
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



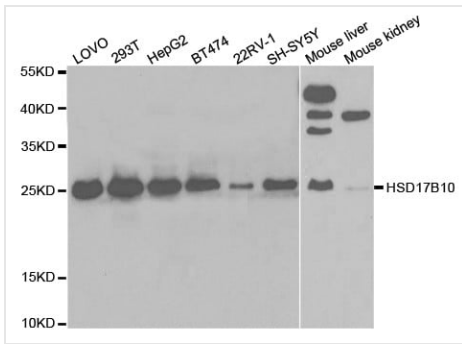
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using HSD17B10 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using HSD17B10 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B10 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	649720136
NCBI GeneID	102956982
Molecular Weight	27,280 Da
NCBI Official Full Name	HSD17B10, partial
NCBI Official Symbol	HSD17B10
NCBI Protein Information	hydroxysteroid (17-beta) dehydrogenase 10
UniProt Protein Name	HSD17B10
UniProt Gene Name	HSD17B10
UniProt Entry Name	A0A060KPY0_PANTA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd17b10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/169712>