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HSD17B13 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15620

Product Information

Application	WB
Primary Accession	Q7Z5P4
Other Accession	NM_178135, NP_835236
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33655

Additional Information

Gene ID	345275
Alias Symbol	NIIL497, SCDR9, SDR16C3
Other Names	17-beta-hydroxysteroid dehydrogenase 13, 17-beta-HSD 13, 1.1.-.-, Short-chain dehydrogenase/reductase 9, HSD17B13, SCDR9
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-HSD17B13 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	HSD17B13 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

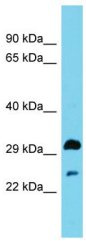
Name	HSD17B13 (HGNC:18685)
Function	Plays a pivotal role in hepatic lipid metabolism (PubMed: 29562163). In vitro, it catalyzes the oxidation of a variety of lipid substrates, including 17beta-estradiol, retinol, retinal, and leukotriene B4 (PubMed:29562163, PubMed:30415504, PubMed:32973038).
Cellular Location	[Isoform 2]: Lipid droplet. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8VCR2}. Note=Redistributed from the endoplasmic reticulum to lipids droplets in the cell upon induction of lipids droplet formation. {ECO:0000250|UniProtKB:Q8VCR2}

Tissue Location	Highly expressed in the liver (PubMed:29562163). Also detected in ovary, bone marrow, kidney, brain, lung, skeletal muscle, bladder and testis.

References

Zhong H.,et al.Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.
Liu S.,et al.Acta Biochim. Pol. 54:213-218(2007).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Yamada S.,et al.Oncogene 23:5901-5911(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Host: Rabbit
Target Name: HSD17B13
Sample Tissue: Fetal Brain lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.