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DHB13 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5729A

Product Information

Application	WB, IHC-P-Leica, E
Primary Accession	Q7Z5P4
Other Accession	NP_835236.2
Reactivity	Human, Mouse, Rat
Predicted	Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27107
Calculated MW	33655
Antigen Region	81-110

Additional Information

Gene ID	345275
Other Names	17-beta-hydroxysteroid dehydrogenase 13, 17-beta-HSD 13, 11--, Short-chain dehydrogenase/reductase 9, HSD17B13, SCDR9
Target/Specificity	This DHB13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-110 amino acids from the N-terminal region of human DHB13.
Dilution	WB~~1:1000 IHC-P-Leica~~1:500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DHB13 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

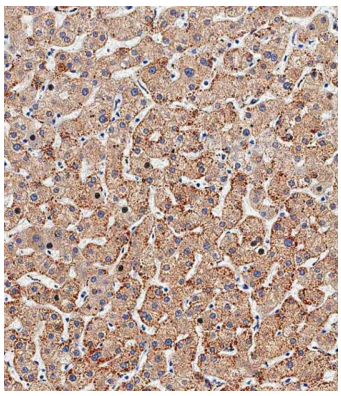
Name	HSD17B13 (HGNC:18685)
Function	Plays a pivotal role in hepatic lipid metabolism (PubMed: 29562163). In vitro,

	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.

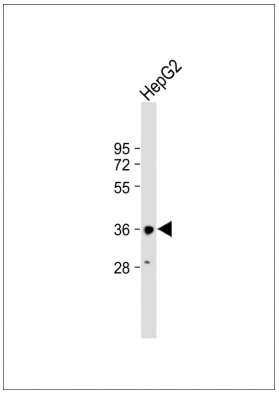
References

Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :
Liu, S., et al. Acta Biochim. Pol. 54(1):213-218(2007)
Yamada, S., et al. Oncogene 23(35):5901-5911(2004)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

Images



Immunohistochemical analysis of paraffin-embedded human liver tissue using AP5729a performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Anti-DHB13 Antibody (N-term) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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