

Anti-HSD17B13 Antibody
Rabbit polyclonal antibody to HSD17B13
Catalog # AP61630**Specification**

Anti-HSD17B13 Antibody - Product Information

Application	WB
Primary Accession	Q7Z5P4
Other Accession	Q8VCR2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Anti-HSD17B13 Antibody - Additional Information**Gene ID** 345275**Other Names**

SCDR9; 17-beta-hydroxysteroid dehydrogenase 13; 17-beta-HSD 13; Short-chain dehydrogenase/reductase 9

Target/Specificity

Recognizes endogenous levels of HSD17B13 protein.

Dilution

WB~~1:500-1:5000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-HSD17B13 Antibody - 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

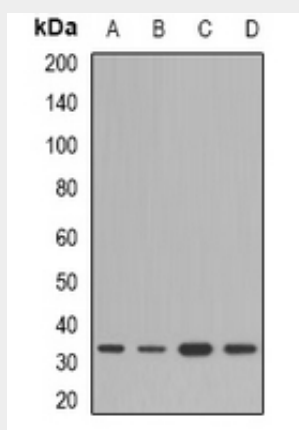
Highly expressed in the liver (PubMed:29562163). Also detected in ovary, bone marrow, kidney, brain, lung, skeletal muscle, bladder and testis.

Anti-HSD17B13 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HSD17B13 Antibody - Images



Western blot analysis of HSD17B13 expression in HepG2 (A); mouse liver (B); mouse kidney (C); rat liver (D) whole cell lysates.

Anti-HSD17B13 Antibody - Background

Recombinant full length protein of human HSD17B13