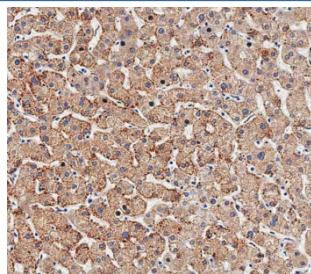


HSD17B13 Antibody / DHB13 / 7-beta hydroxysteroid dehydrogenase 13 (F55058)

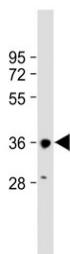
Catalog No.	Formulation	Size
F55058-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F55058-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q7Z5P4
Localization	Cytoplasm
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:250-1:500
Limitations	This HSD17B13 antibody is available for research use only.



IHC testing of FFPE human liver tissue with HSD17B13 antibody. HIER: steam section in pH9 EDTA buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HepG2 cell lysate with HSD17B13 antibody. Predicted molecular weight: ~34 kDa.

Description

HSD17B13 protein is an enzyme that plays a key role in the metabolism of steroids and lipids in the body. Specifically, it is involved in the conversion of various hormones and fatty acids, making it a critical player in maintaining metabolic homeostasis. Additionally, studies have shown that mutations or dysregulation of the HSD17B13 gene can lead to impaired lipid metabolism and contribute to the development of liver diseases such as non-alcoholic fatty liver disease (NAFLD) and alcoholic liver disease. HSD17B13 protein is a potential therapeutic target for liver diseases.

Application Notes

Titration of the HSD17B13 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 81-110 from the human protein was used as the immunogen for this HSD17B13 antibody.

Storage

Aliquot the HSD17B13 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.