Leader in Biomolecular Solutions for Life Science

HSD17B13 Rabbit mAb

Catalog No.: A27113

Recombinant

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Basic Information

Observed MW
33 kDa

Calculated MW
34 kDa

Category
Monoclonal Antibodies

Applications
WB, IP, IF-P, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC69991

Background

Predicted to enable oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor and steroid dehydrogenase activity. Acts upstream of or within positive regulation of lipid biosynthetic process. Located in lipid droplet.

Recommended Dilutions

WB	1:3000 - 1:30000
IP	0.5 μg - 4 μg antibody for 400 μg - 600 μg extracts of whole cells
IF-P	1:200 - 1:2000
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
345275

Swiss-Prot
Q7Z5P4

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
FLDP; SCDR9; NIIL497; SDR16C3; HMFN0376

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

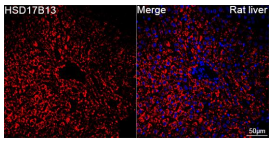
Source
Rabbit

Isotype
IgG

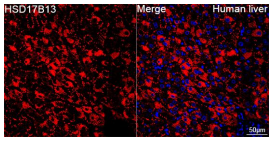
Purity
Affinity purification

Storage
Store at -20℃

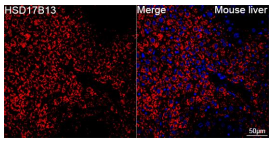
Validation Data



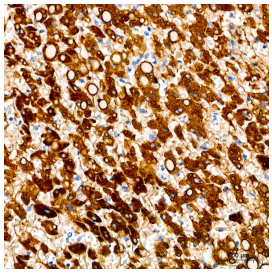
Confocal imaging of paraffin-embedded Rat liver tissue using HSD17B13 Rabbit mAb (A27113, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



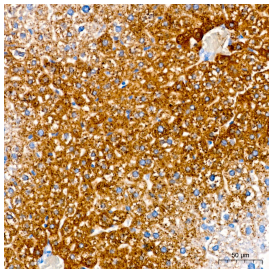
Confocal imaging of paraffin-embedded Human liver tissue using HSD17B13 Rabbit mAb (A27113, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



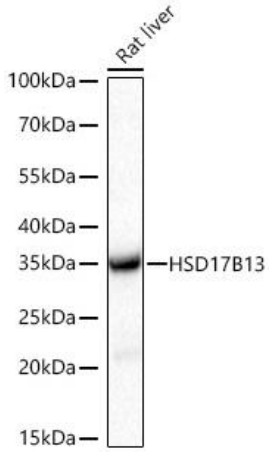
Confocal imaging of paraffin-embedded Mouse liver tissue using HSD17B13 Rabbit mAb (A27113, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using HSD17B13 Rabbit mAb (A27113) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

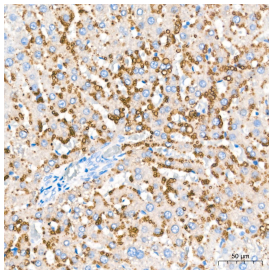


Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using HSD17B13 Rabbit mAb (A27113) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

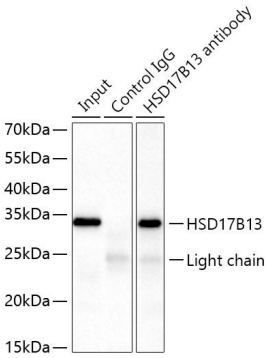


Western blot analysis of lysates from Rat liver using HSD17B13 Rabbit mAb (A27113) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

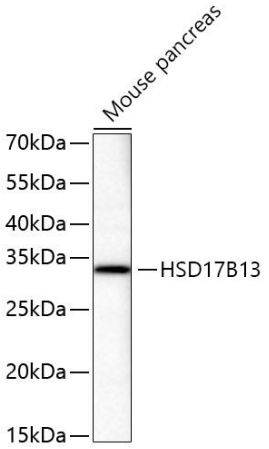
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Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using HSD17B13 Rabbit mAb (A27113) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation of HSD17B13 from 600 µg extracts of Mouse pancreas tissue was performed using 1 µg of HSD17B13 Rabbit mAb (A27113). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using HSD17B13 Rabbit mAb (A27113) at a dilution of 1:3000.



Western blot analysis of lysates from Mouse pancreas using HSD17B13 Rabbit mAb (A27113) at 1:3000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.