

Anti-HSD17B12 Antibody (Center)

Catalog Number: A07397-1

About HSD17B12

The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.

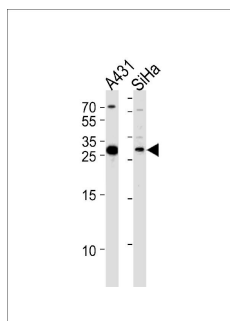
Overview

Product Name	Anti-HSD17B12 Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-HSD17B12 Antibody (Center) (Catalog # A07397-1). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q53GQ0

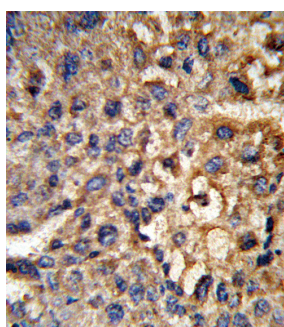
Technical Details

Immunogen	This HSD17B12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-155 amino acids from the Central region of human HSD17B12.
Predicted Reactive Species	Monkey
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1000 IHC-P: 1:10-1:50 FC: 1:10-1:50

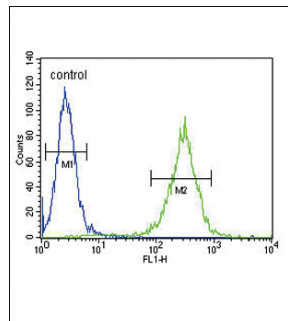
Anti-HSD17B12 Antibody (Center) (A07397-1) Images



HSD17B12 Antibody (Center) western blot analysis in A431, SiHa cell line lysates (35ug/lane). This demonstrates the HSD17B12 antibody detected the HSD17B12 protein (arrow).



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with HSD17B12 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



HSD17B12 Antibody (Center) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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