



[Go to Product page](#)

Datasheet for ABIN653300

anti-HSD17B12 antibody (AA 126-155)

3 Images

Overview

Quantity:	400 µL
Target:	HSD17B12
Binding Specificity:	AA 126-155
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B12 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Clone:	RB24060
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HSD17B12
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Target Details

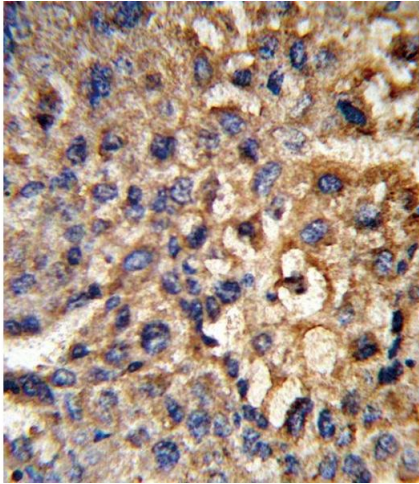
Alternative Name:	HSD17B12 (HSD17B12 Products)
Background:	The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.
Molecular Weight:	34324
Gene ID:	51144
NCBI Accession:	NP_057226
UniProt:	Q53GQ0
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

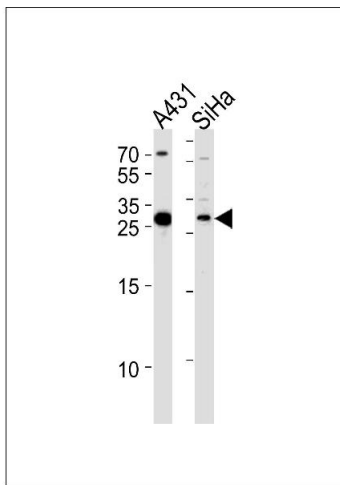
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



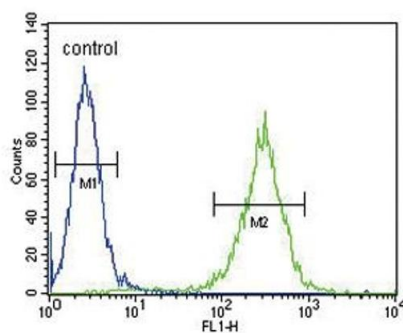
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. HSD17B12 Antibody (Center) (ABIN653300 and ABIN2842802) western blot analysis in A431, SiHa cell line lysates (35 µg/lane). This demonstrates the HSD17B12 antibody detected the HSD17B12 protein (arrow).



Flow Cytometry

Image 3. HSD17B12 Antibody (Center) (ABIN653300 and ABIN2842802) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.