

Datasheet for ABIN5540309

anti-HSD3B7 antibody (Internal Region)[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	HSD3B7
Binding Specificity:	AA 121-170, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD3B7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide derived from internal region (121-170) of Human HSD3B7
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total HSD3B7 protein.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	HSD3B7
Alternative Name:	3-beta hsd7,hsd3b7 (HSD3B7 Products)
Background:	HSD3B7 is an enzyme which is involved in the initial stages of the synthesis of bile acids from

Target Details

cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydrosylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease.

UniProt: [Q9H2F3](#)

Application Details

Application Notes: ELISA. Western blot. Immunohistochemistry on Paraffin Sections: (1/100).

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS (without Mg 2+ and Ca), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol

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: -20 °C

Storage Comment: Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months