

Datasheet for ABIN7113282 **anti-CYP7B1 antibody**

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Overview

Quantity:	100 µg
Target:	CYP7B1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	cytochrome P450, family 7, subfamily B, polypeptide 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CYP7B1
Alternative Name:	CYP7B1 (CYP7B1 Products)
Background:	Synonyms:CBAS3, CP7B, CYP7B1, Cytochrome P450 7B1, Oxysterol 7 alpha hydroxylase, SPG5A Background:Oxysterol 7alpha-hydroxylase that mediates formation of 7-alpha,25-dihydroxycholesterol(7-alpha,25-OHC) from 25-hydroxycholesterol(PubMed:10588945). Plays a key role in cell positioning and movement in lymphoid tissues: 7-alpha,25-

Target Details

	dihydroxycholesterol(7- α ,25-OHC) acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells(By similarity).
Molecular Weight:	50-55 kDa
Gene ID:	9420
UniProt:	O75881
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Biosynthesis , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:50-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months