

HSD3B7 antibody

Product Information

Catalog No.:	FNab04032
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. HSD VII is active against four 7-alpha-hydroxylated sterols. Does not metabolize several different C(19/21) steroids as substrates. Involved in bile acid synthesis(PubMed:11067870). Plays a key role in cell positioning and movement in lymphoid tissues by mediating degradation of 7-alpha,25-dihydroxycholesterol(7-alpha,25-OHC): 7-alpha,25-OHC acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells.

Immunogen information

Immunogen:	hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 7
Synonyms:	3 beta-hydroxysteroid dehydrogenase type 7 3 beta-hydroxysteroid dehydrogenase type VII (3-beta-HSD VII) 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase (C(27) 3-beta-HSD) Cholest-5-ene-3-beta,7-alpha-diol 3-beta-dehydrogenase HSD3B7
Observed MW:	36 kDa
Uniprot ID :	Q9H2F3

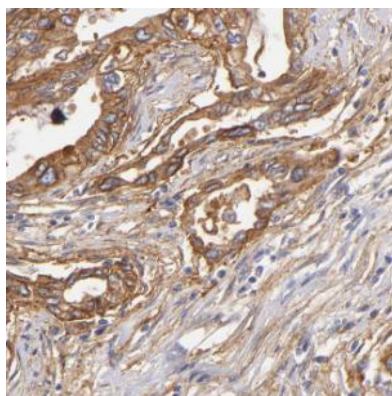
Application

Reactivity:	Human, Mouse
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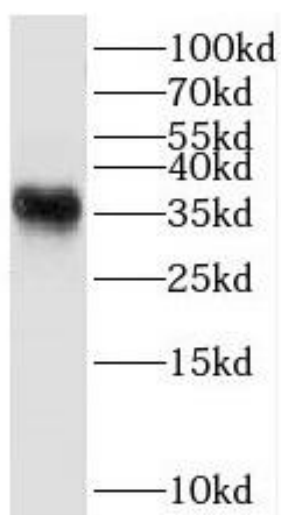
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab04032(HSD3B7 antibody) at dilution of 1:50



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab04032(HSD3B7 antibody) at dilution of 1:500