

HSD3B7 Antibody

Catalog No: #36537

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Description

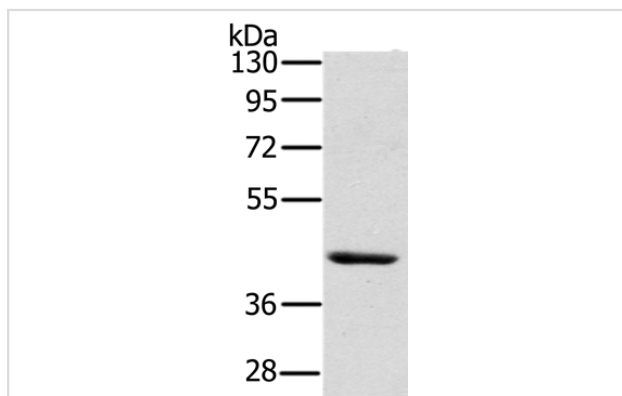
Product Name	HSD3B7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HSD3B7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
Target Name	HSD3B7
Other Names	CBAS1; PFIC4; SDR11E3
Accession No.	Swiss-Prot#: Q9H2F3NCBI Gene ID: 80270Gene Accsson: BC004929/Q9H2F3
Uniprot	Q9H2F3
GeneID	80270;
SDS-PAGE MW	41kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

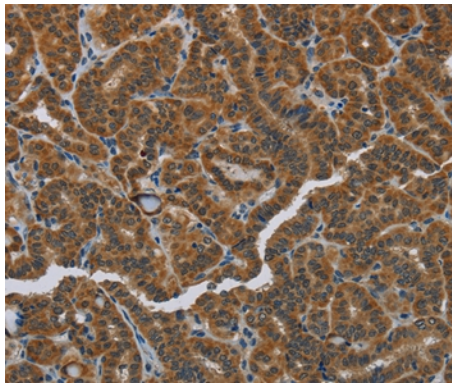
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
 Lysate: 40ug Skov3 cell
 Primary antibody: 1/400 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36537 at dilution 1/40.

Background

This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from 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 hydroxylated 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only