

HSD3B1 Antibody

Catalog No: #36536

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Description

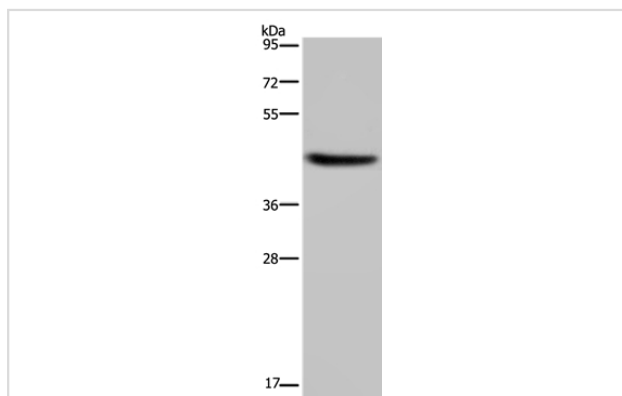
Product Name	HSD3B1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HSD3B1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Target Name	HSD3B1
Other Names	I; HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD
Accession No.	Swiss-Prot#: P14060NCBI Gene ID: 3283Gene Accssion: BC031999/P14060
Uniprot	P14060
GeneID	3283;
SDS-PAGE MW	42kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

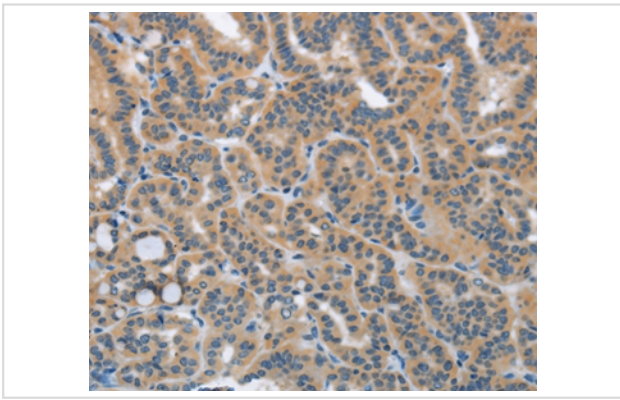
Lysates (from left to right): Human adrenal gland tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/250 dilution

Secondary antibody dilution: 1/8000

Exposure time: 3 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36536 at dilution 1/40.

Background

3 beta-hydroxysteroid dehydrogenase (3β -HSD), also known as HSD3B1 or HSDB3, is a bifunctional enzyme that plays a crucial role in the synthesis of all classes of hormonal steroids. Two human 3β -HSD proteins, designated type I (3β -HSD) and type II (3β -HSD2), are expressed by different genes and function in different areas of the body.

Note: This product is for in vitro research use only