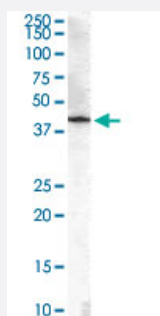


HSD3B1 polyclonal antibody

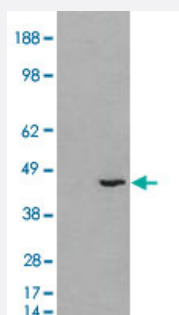
Catalog # PAB7013 Size 100 ug

Applications



Western Blot (Tissue lysate)

HSD3B1 polyclonal antibody (Cat # PAB7013) (0.01 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

HEK293 overexpressing human HSD3B1 and probed with HSD3B1 polyclonal antibody (Cat # PAB7013) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HSD3B1.
Immunogen	A synthetic peptide corresponding to human HSD3B1.
Sequence	C-DRHKETLKSKTQ
Host	Goat
Theoretical MW (kDa)	42.3
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Western Blot (0.01-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

HSD3B1 polyclonal antibody (Cat # PAB7013) (0.01 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

HEK293 overexpressing human HSD3B1 and probed with HSD3B1 polyclonal antibody (Cat # PAB7013) (mock transfection in first lane), tested by Origene.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HSD3B1

Entrez GeneID	3283
Protein Accession#	NP_000853.1
Gene Name	HSD3B1
Gene Alias	HSD3B, HSDB3, SDR11E1
Gene Description	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Omim ID	109715
Gene Ontology	Hyperlink

Gene Summary

O

Other Designations

hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1|short chain dehydr
ogenase/reductase family 11E, member 1

Publication Reference

- [Joint effect of HSD3B1 and HSD3B2 genes is associated with hereditary and sporadic prostate cancer susceptibility.](#)

Chang BL, Zheng SL, Hawkins GA, Isaacs SD, Wiley KE, Turner A, Carpten JD, Bleecker ER, Walsh PC, Trent JM, Meyers DA, Isaacs WB, Xu J.

Cancer Research 2002 Mar; 62(6):1784.

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Hypertrophy](#)
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