

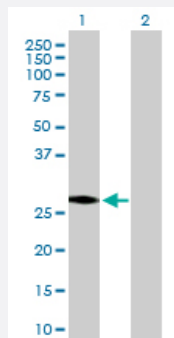
MaxPab®

HSD17B3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003293-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HSD17B3 expression in transfected 293T cell line ([H00003293-T04](#)) by HSD17B3 MaxPab polyclonal antibody.

Lane 1: HSD17B3 transfected lysate(34.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HSD17B3 protein.
Immunogen	HSD17B3 (NP_000188.1, 1 a.a. ~ 310 a.a) full-length human protein.
Sequence	MGDVLEQFFILTGLLVCLACLAKCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAGDGIGKAYS FELAKRGLNVVLISRTLEKLEAIAIEIERTTGRSVKIIQADFTKDDIYEHKEKLAGLEIGLVNNVGMLP NLLPSHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQKGLILNISSGIALFPWPLYSMYSASKAFV CAFSKALQEEYKAKEVIIQVLTPYAVSTAMTKYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEIL AGFLSLIPAWAFYSGAFQRLLLTHYVAYLKLNTKVR
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — HSD17B3

Entrez GeneID	3293
GeneBank Accession#	NM_000197.1
Protein Accession#	NP_000188.1
Gene Name	HSD17B3
Gene Alias	EDH17B3, SDR12C2
Gene Description	hydroxysteroid (17-beta) dehydrogenase 3
Omim ID	264300 605573
Gene Ontology	Hyperlink
Gene Summary	This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as co factor. Deficiency can result in male pseudohermaphroditism with gynecomastia. [provided by Ref Seq]
Other Designations	17-beta-HSD3 OTTHUMP00000021718 estradiol 17 beta-dehydrogenase 3 short chain dehydrogenase/reductase family 12C, member 2

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypospadias](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Stomach Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)