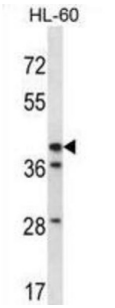
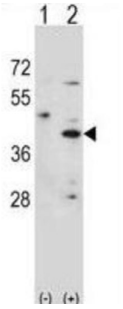
3 Beta-Hydroxysteroid Dehydrogenase/Delta 5-->4-Isomerase Type 1 (HSD3B1) Antibody

Catalogue No.:abx028161





3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta (5) ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. Efficiently catalyzes the transformation of pregnenolone to progesterone, 17-alpha-hydroxypregnenolone to 17-alpha-hydroxyprogesterone, DHEA to 4-androstenedione, dihydrotestosterone to 5-alpha-androstane-3 beta, 17 beta-diol, dehydroepiandrosterone to androstenedione and 5-alpha-androstan-3 beta, 17 beta-diol to 5-alpha-dihydrotestosterone.

Target:	3 Beta-Hydroxysteroid Dehydrogenase/Delta 5-->4-Isomerase Type 1 (HSD3B1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human HSD3B1.
Isotype:	IgG

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14060 (UniProt, ExPASy)
Gene Symbol:	HSD3B1
GeneID:	3283
OMIM:	109715
HGNC:	5217
KEGG:	hsa:3283
Ensembl:	ENSG00000203857
String:	9606.ENSP00000358421
Molecular Weight:	Calculated MW: 42.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com