

Rabbit anti-Human SRD5A1 Polyclonal Antibody | anti-SRD5A1 antibody

SRD5A1 Antibody (Center)

CATALOG # AAA290846	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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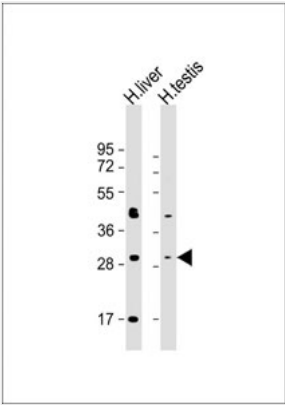
PRODUCT SYNONYMS

SRD5A1; Polyclonal Antibody; SRD5A1 Antibody (Center); 3-oxo-5-alpha-steroid 4-dehydrogenase 1; 1.3.1.22; SR type 1; Steroid 5-alpha-reductase 1; S5AR 1; anti-SRD5A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This SRD5A1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 153-184 amino acids from the Central region of human SRD5A1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	259
Applicable Applications for anti-SRD5A1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthesized Peptide
Antigen Source	Human
Cellular Location	Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Liver and prostate (at a low level).
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-SRD5A1 Antibody (Center) at 1:8000 dilution
Lane 1: human liver lysate
Lane 2: human testis lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 29 kDa
Blocking/Dilution buffer: 5% NFD/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SRD5A1 antibody	Converts testosterone into 5-alpha-dihydrotestosterone and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology.
Product Categories/Family for anti-SRD5A1 antibody	Primary Antibodies; Neuroscience; Signal Transduction
References	Andersson S.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:3640-3644 (1990). Jenkins E.P.,et al.Genomics 11:1102-1112 (1991). Yu W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases. Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548 (2000). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507201
NCBI GeneID	6715
NCBI Accession #	NP_001038.1
NCBI GenBank Nucleotide #	NM_001047.3
UniProt Accession #	P18405; Q9UHY4; Q9UP36; Q9UP37; B2R7Q1
Molecular Weight	29459 Da
NCBI Official Full Name	3-oxo-5-alpha-steroid 4-dehydrogenase 1 isoform 1
NCBI Official Synonym Full Names	steroid 5 alpha-reductase 1
NCBI Official Symbol	SRD5A1
NCBI Official Synonym Symbols	S5AR 1
NCBI Protein Information	3-oxo-5-alpha-steroid 4-dehydrogenase 1
UniProt Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 1
UniProt Gene Name	SRD5A1
UniProt Synonym Gene Names	S5AR 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

