

Rabbit anti-Human SRD5A2 Monoclonal Antibody | anti-SRD5A2 antibody

SRD5A2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282816	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SRD5A2; Monoclonal Antibody; SRD5A2 Rabbit mAb; anti-SRD5A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MQVQCQQSPV LAGSATLVAL GALALYVAKP SGYGKHTESL KPAATRLPAR AAWFLQELPS FAVPAGILAR QPLSLFGPPG TVLLGLFCVH YFHRTFVYSL
Applicable Applications for anti-SRD5A2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SRD5A2 (P31213).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



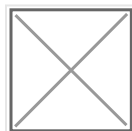
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded rat testis using SRD5A2 Rabbit mAb (AAA282816) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse testis using SRD5A2 Rabbit mAb (AAA282816) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using SRD5A2 Rabbit mAb (AAA282816) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-SRD5A2 antibody	This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH).
Product Categories/Family for anti-SRD5A2 antibody	Cancer; Signal Transduction; Cell Biology Developmental Biology; Cell Cycle; Cell differentiation; Endocrine Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	39812447
NCBI GeneID	6716
NCBI Accession #	NP_000339.2
NCBI GenBank Nucleotide #	NM_000348.3
UniProt Accession #	P31213; Q2M1R4; Q9BYE6; B2RE87
Molecular Weight	Calculated MW: 28kDa Observed MW: 28kDa
UniProt Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 2
UniProt Gene Name	SRD5A2
UniProt Synonym Gene Names	S5AR 2

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/srd5a2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282816>