

Datasheet for ABIN185347
anti-SRD5A2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SRD5A2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SRD5A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SRD5A2 / 5-alpha reductase 2
Immunogen:	Peptide with sequence QVQCQQSPVLAG, from the N Terminus of the protein sequence according to NP_000339.2.
Sequence:	QVQCQQSPVL AG
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SRD5A2
Alternative Name:	SRD5A2 (SRD5A2 Products)
Background:	SRD5A2, steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2), steroid 5-alpha-reductase 2, MGC138457, 3-oxo-5 alpha-steroid 4-dehydrogenase 2
Gene ID:	6716
NCBI Accession:	NP_000339
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis

Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in Human Prostate and Breast lysates (calculated MW of 28.4 kDa according to NP_000339.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN185347 (0.3µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Image 2. ABIN185347 (0.3µg/ml) staining of human testes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.