



# S5A2 rabbit pAb

Cat No.:ES11866

For research use only

## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | S5A2 rabbit pAb   |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat   |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Immunogen</b>                | Synthesized peptide derived from part region of human protein   |
| <b>Specificity</b>              | S5A2 Polyclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.  |
| <b>Protein Name</b>             | 3-oxo-5-alpha-steroid 4-dehydrogenase 2 (EC 1.3.1.30) (5 alpha-SR2) (SR type 2) (Steroid 5-alpha-reductase 2) (S5AR 2) (Type II 5-alpha reductase)  |
| <b>Gene Name</b>                | SRD5A2  |
| <b>Cellular localization</b>    | Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane ; Multi-pass membrane protein .   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Clonality</b>                | Polyclonal  |
| <b>Concentration</b>            | 1 mg/ml   |
| <b>Observed band</b>            | 27kD  |
| <b>Human Gene ID</b>            | 6716  |
| <b>Human Swiss-Prot Number</b>  | P31213  |
| <b>Alternative Names</b>        |   |
| <b>Background</b>               | 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 |

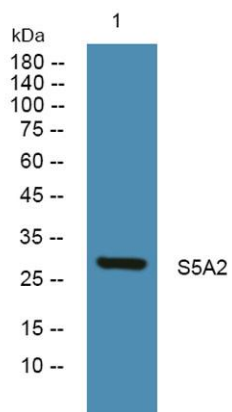




**ELK Biotechnology**

finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C