

## Datasheet for ABIN1589807 **anti-SRY antibody**



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### Overview

|              |                                    |
|--------------|------------------------------------|
| Quantity:    | 100 µg                             |
| Target:      | SRY                                |
| Reactivity:  | Cow                                |
| Host:        | Rabbit                             |
| Clonality:   | Polyclonal                         |
| Conjugate:   | This SRY antibody is un-conjugated |
| Application: | Western Blotting (WB)              |

### Product Details

|              |                        |
|--------------|------------------------|
| Purpose:     | SRY antibody           |
| Immunogen:   | Recombinant bovine SRY |
| Isotype:     | IgG                    |
| Specificity: | Recombinant bovine SRY |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | SRY  |
| Alternative Name: | <a href="#">SRY (SRY Products)</a>   |
| Background:       | Sex-determining region Y protein, Testis-determining factor,The ""Sex determining region of Y-Gen"" (SRY), known as SRY gene, is coding for a transkription factor (TDF for Testis-determining factor). It belongs to the protein family of DNA binding-proteins. The SRY gene is beside other genes used for the determination of the sex in human as well as other mammals. Most |

## Target Details

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mammals have for this purpose a further gene, UBE1. In humans SRY is normally located on the short arm of the Y chromosome. Accordingly, people who possess this chromosome with the corresponding gene, normally have a male phenotype. It does not matter how many copies of the X chromosome are present, even people with a multiple X chromosome (Klinefelter's syndrome) have this. The protein encoded by the gene Testis-determining factor controls the development of male sex.

|                 |   |
|-----------------|---|
| Gene ID:        | 280931  |
| NCBI Accession: | <a href="#">NM_001014385</a> , <a href="#">NP_001014407</a> |
| UniProt:        | <a href="#">Q03255</a>                                      |

## Application Details

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|                    |                             |
|--------------------|-----------------------------|
| Application Notes: | Western Blot: Use 1-5 µg/mL |
| Restrictions:      | For Research Use only       |

## Handling

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|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.  |
| Buffer:          | PBS   |
| Handling Advice: | Centrifuge vial prior to opening.   |
| Storage:         | 4 °C,-20 °C   |
| Storage Comment: | The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots. |
| Expiry Date:     | 24 months   |