

Rabbit Anti-Bovine SRY

ORDERING INFORMATION

Catalog Number:	105-PA02
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	Testis-determining factor
Antigen:	Recombinant bovine SRY (RT #B30-001)
Application:	WB
Uniprot:	Q03255
Buffer:	PBS pH 7.4 w/o preservative

Description:

The „Sex determining region of Y-Gen” (SRY), known as SRY gene, is coding for a transcription 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 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.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !