

## ARG67219 anti-SRY / TDF antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SRY / TDF
Tested Reactivity	Bov
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Target Name	SRY / TDF
Species	Bovine
Immunogen	Recombinant fragment corresponding to aa. M1-Y229 of Bovine SRY / TDF.
Conjugation	Un-conjugated
Alternate Names	SRY; Sex Determining Region Y; TDF; Sex-Determining Region Y Protein; Testis-Determining Factor; Essential Protein For Sex Determination In Human Males; Testis-Determining Factor On Y; Sex-Determining Region On Y; SRXX1; SRXY1; TDY

### Application Instructions

Application table	Application	Dilution
	WB	1-5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Powder
Buffer	PBS
Reconstitution	Water
Concentration	0.1 - 1.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	SRY
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Gene Full Name	Sex Determining Region Y
Background	This intronless gene encodes a transcription factor that is a member of the high mobility group (HMG)-box family of DNA-binding proteins. This protein is the testis-determining factor (TDF), which initiates male sex determination. Mutations in this gene give rise to XY females with gonadal dysgenesis (Swyer syndrome); translocation of part of the Y chromosome containing this gene to the X chromosome causes XX male syndrome. [provided by RefSeq, Jul 2008]
Function	Transcriptional regulator that controls a genetic switch in male development. It is necessary and sufficient for initiating male sex determination by directing the development of supporting cell precursors (pre-Sertoli cells) as Sertoli rather than granulosa cells. Involved in different aspects of gene regulation including promoter activation or repression. Binds to the DNA consensus sequence 5'-[AT]AACAA[AT]-3'. SRY HMG box recognizes DNA by partial intercalation in the minor groove and promotes DNA bending. Also involved in pre-mRNA splicing
Calculated Mw	27 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

## Images

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ARG67219 anti-SRY / TDF antibody WB image

Western blot: SRY / TDF recombinant protein stained with ARG67219 anti-SRY / TDF antibody.