

Rabbit anti-Human, Rat SRY Polyclonal Antibody | anti-SRY antibody

SRY Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323944	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SRY; Polyclonal Antibody; SRY Antibody; Essential protein for sex determination in human males; Sex determining region on Y; Sex determining region protein; Sex determining region Y; Sex-determining region Y protein; sox21b; SRXX1; SRXY1; SRY 1; SRY_HUMAN; Sry1; Sry3BI; SRYGENE; TDF; TDY; Testis determining factor; Testis Determining Factor on Y; Testis-determining factor; Transcription factor Sox-21-B; anti-SRY antibody

PRODUCT SPECIFICATIONS

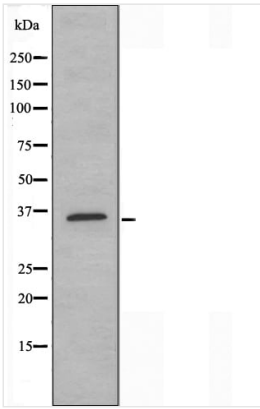
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SRY antibody detects endogenous levels of total SRY
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	204
Applicable Applications for anti-SRY antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SRY , corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323944 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using SRY antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SRY antibody

Description: 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 (By similarity). In male adult brain involved in the maintenance of motor functions of dopaminergic neurons (By similarity). Involved in different aspects of gene regulation including promoter activation or repression (By similarity). Promotes DNA bending. SRY HMG box recognizes DNA by partial intercalation in the minor groove. Also involved in pre-mRNA splicing. Binds to the DNA consensus sequence 5'-[AT]AACAA[AT]-3'.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507225
NCBI GeneID	6736
NCBI Accession #	NP_003131.1
NCBI GenBank Nucleotide #	NM_003140.2
UniProt Accession #	Q05066
Molecular Weight	37 KD
NCBI Official Full Name	sex-determining region Y protein
NCBI Official Synonym Full Names	sex determining region Y
NCBI Official Symbol	SRY
NCBI Official Synonym Symbols	TDF; TDY; SRXX1; SRXY1
NCBI Protein Information	sex-determining region Y protein
UniProt Protein Name	Sex-determining region Y protein
UniProt Gene Name	SRY
UniProt Synonym Gene Names	TDF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.