

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

SRY Antibody (N-Term)

CATALOG # AAA290579	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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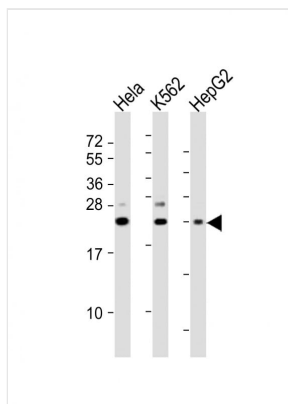
PRODUCT SYNONYMS

SRY; Polyclonal Antibody; SRY Antibody (N-Term); Purified Rabbit Polyclonal Antibody (Pab); Sex-determining region Y protein; Testis-determining factor; TDF; anti-SRY antibody

PRODUCT SPECIFICATIONS

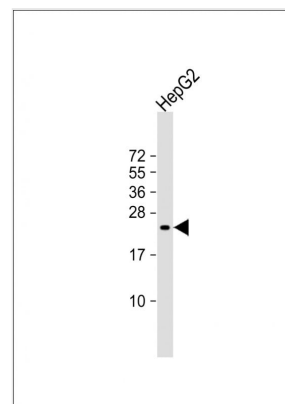
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This SRY antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 52-82 amino acids from human SRY.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	204
Applicable Applications for anti-SRY antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-SRY Antibody (N-Term) at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: K562 whole cell lysates
Lane 3: HepG2 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 24 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-SRY Antibody (N-Term) at 1:2000 dilution + HepG2 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 24 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SRY antibody	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'.
Product Categories/Family for anti-SRY antibody	Developmental Biology
References	Sinclair A.H.,et al.Nature 346:240-244(1990). Su H.,et al.Am. J. Hum. Genet. 52:24-38(1993). Behlke M.A.,et al.Genomics 17:736-739(1993). Whitfield L.S.,et al.Genomics 27:306-311(1995). Ferrari S.,et al.EMBO J. 11:4497-4506(1992).

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	23884
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
UniProt Entry Name	SRY_HUMAN

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.