

Datasheet for ABIN6242646
anti-SRY antibody (AA 52-82)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	SRY
Binding Specificity:	AA 52-82
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRY antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SRY antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 52-82 amino acids from human SRY.
Clone:	RB53824
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SRY
Alternative Name:	SRY (SRY Products)
Background:	Transcriptional regulator that controls a genetic switch in male development. It is necessary

Target Details

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'.

Molecular Weight: 23884

UniProt: [Q05066](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

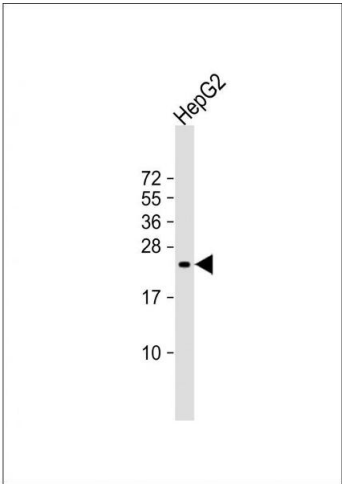
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

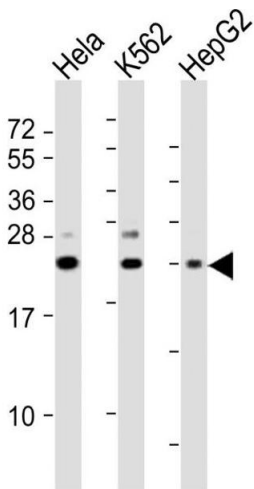
Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-SRY Antibody (N-Term) at 1:2000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 µg 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.



Western Blotting

Image 2. 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 µg 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.