SRY Antibody / Sex-Determining Region Y (Middle Region) (R32850)

Catalog No.	Formulation	Size
R32850	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q05066
Applications	Western Blot: 0.5-1ug/ml
Limitations	This SRY antibody is available for research use only.



Western blot testing of human HeLa cell lysate with SRY antibody at 0.5ug/ml. Predicted molecular weight ~24 kDa.

Description

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) or Sex-determining region Y (SRY), 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.

Application Notes

Optimal dilution of the SRY antibody should be determined by the researcher.

Immunogen

Amino acids 90-130 (ISKQLGYQWKMLTEAEKWPFFQEAQKLQAMHREKYPNYKYR) were used as the immunogen for the SRY antibody.

Storage

After reconstitution, the SRY antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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