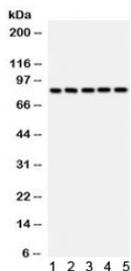


SOX5 Antibody (R32081)

Catalog No.	Formulation	Size
R32081	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Rat
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	P35711
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This SOX5 antibody is available for research use only.



Western blot testing of rat 1) liver, 2) testis, 3) brain, and human 4) HeLa and 5) A549 lysate with SOX5 antibody. Predicted/observed molecular weight ~84 kDa.

Description

Transcription factor SOX-5 is a protein that in humans is encoded by the SOX5 gene. It is located on 12p12.1. This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. In addition, the encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Application Notes

Optimal dilution of the SOX5 antibody should be determined by the researcher.

Immunogen

Amino acids EKEKTTLESLTQQLAVKQNEEGKFSHAMMDFNLS of human SOX5 were used as the immunogen for the SOX5 antibody.

Storage

After reconstitution, the SOX5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.