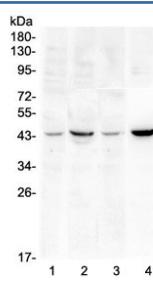


## SOX3 Antibody (RQ4460)

Catalog No.	Formulation	Size
RQ4460	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P41225
Localization	Nucleus
Applications	Western Blot : 0.5-1ug/ml
Limitations	This SOX3 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) rat heart, 3) mouse brain and 4) mouse heart lysate with SOX3 antibody at 0.5ug/ml. Predicted molecular weight ~45 kDa.

## Description

Transcription factor SOX-3 is a protein that in humans is encoded by the SOX3 gene. 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. Mutations in this gene have been associated with X-linked cognitive disability with growth hormone deficiency.

## Application Notes

Optimal dilution of the SOX3 antibody should be determined by the researcher.

## Immunogen

Amino acids DAADAASPLPGGRLHGVHQHYQGAGTAVNGTVPLTHI were used as the immunogen for the SOX3 antibody.

## Storage

After reconstitution, the SOX3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.