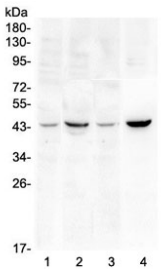
# SOX3 Antibody (RQ4460)

| 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.


Copyright © NSJ Bioreagents. All rights reserved.