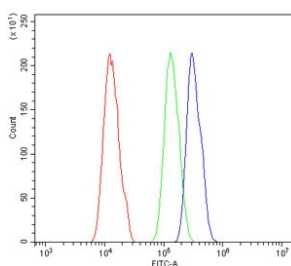


## SOX-3 Antibody (RQ5764)

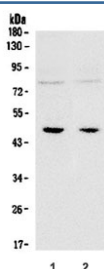
Catalog No.	Formulation	Size
RQ5764	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P41225
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This SOX-3 antibody is available for research use only.



Flow cytometry testing of human A431 cells with SOX-3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SOX3 antibody.



Western blot testing of 1) rat brain and 2) mouse brain with SOX-3 antibody. 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 SOX-3 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids Q256-Q283) was used as the immunogen for the SOX-3 antibody.

## Storage

After reconstitution, the SOX-3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.