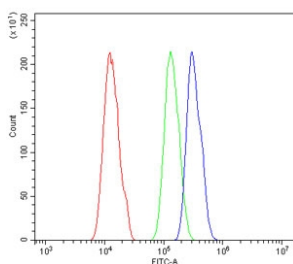


SOX-3 Antibody (RQ5764)

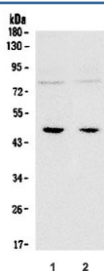
Catalog No.	Formulation	Size
RQ5764	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P41225
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.