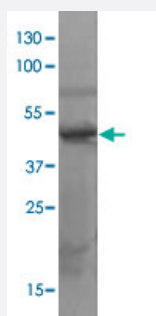


SOX3 polyclonal antibody

Catalog # PAB14857 Size 100 ug

Applications



Western Blot (Cell lysate)

The whole cell lysate derived from neuron stem cell (NE-4C) was immunoblotted by SOX3 polyclonal antibody (Cat # PAB14857) at 1 : 500. An immunoreactive protein band was observed around 46 kDa.

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of SOX3.

Immunogen A synthetic peptide corresponding to N-terminus of human SOX3.

Host Rabbit

Theoretical MW (kDa) 46

Reactivity Human

Specificity This antibody recognizes ~46 KDa of human SOX3.

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Western Blot (0.1-1 ug/mL)
 ELISA (0.01-0.1 ug/mL)
 Immunoprecipitation (2-5 ug/mL)
 Immunohistochemistry (2-5 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.2 (BSA, 10% Proclin300)

Storage Instruction

Store at 4°C. For long term storage store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

The whole cell lysate derived from neuron stem cell (NE-4C) was immunoblotted by SOX3 polyclonal antibody (Cat # PAB14857) at 1 : 500. An immunoreactive protein band was observed around 46 kDa.

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SOX3

Entrez GeneID
[6658](#)
Gene Name

SOX3

Gene Alias

GHDX, MRGH, PHP, PHPX, SOXB

Gene Description

SRY (sex determining region Y)-box 3

Omim ID
[300123](#) [313430](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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 mental retardation with growth hormone deficiency. [provided by RefSeq]

Other Designations

OTTHUMP00000024166|transcription factor SOX-3

Disease

- [Alzheimer disease](#)

- [Cardiovascular Diseases](#)

- [Diabetes Complications](#)
- [Hypopituitarism](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Oligospermia](#)
- [Osteoporosis](#)