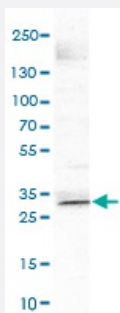


# SOX21 monoclonal antibody, clone CL4681

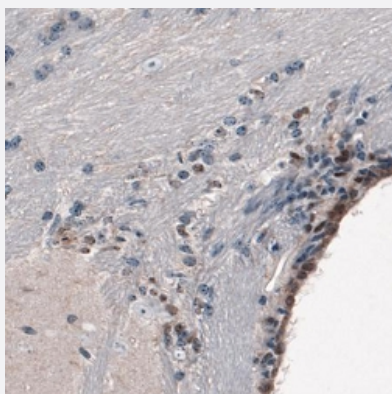
Catalog # MAB15714      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of NTERA-2 cell lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of mouse forebrain shows moderate nuclear immunoreactivity in a subset of cells in the lateral ventricle wall.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against synthetic peptide of human SOX21.
<b>Immunogen</b>	A synthetic peptide corresponding to human SOX21.
<b>Sequence</b>	GKPQLDPYPAAYAAAL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid

Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of NTERA-2 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of mouse forebrain shows moderate nuclear immunoreactivity in a subset of cells in the lateral ventricle wall.

## Gene Info — SOX21

Entrez GeneID	<a href="#">11166</a>
Protein Accession#	<a href="#">Q9Y651</a>
Gene Name	SOX21
Gene Alias	SOX25
Gene Description	SRY (sex determining region Y)-box 21
Omim ID	<a href="#">604974</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SRY-related HMG-box (SOX) genes encode a family of DNA-binding proteins containing a 79-amino acid HMG (high mobility group) domain that shares at least 50% sequence identity with the DNA-binding HMG box of the SRY protein (MIM 480000). SOX proteins are divided into 6 subgroups based on sequence similarity within and outside of the HMG domain. For additional background information on SOX genes, see SOX1 (MIM 602148).[supplied by OMIM]

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**Other Designations**OTTHUMP00000018558|SRY-box 21

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