

SOX21 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3182a**Specification**

SOX21 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q9Y651
Other Accession	NP_009015.1 , 11166 , 223227 (mouse) , 306168 (rat)
Predicted Host	Human, Mouse, Rat
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	28580

SOX21 Antibody (internal region) - Additional Information**Gene ID** 11166**Other Names**

Transcription factor SOX-21, SOX-A, SOX21, SOX25, SOXA

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SOX21 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SOX21 Antibody (internal region) - Protein Information**Name** SOX21**Synonyms** SOX25, SOXA**Function**

May play a role as an activator of transcription of OPRM1. Overexpression of SOX21 can up-regulate the OPRM1 distal promoter activity in mor-expressing neuronal cells. May play a role in ameloblast differentiation.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

SOX21 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SOX21 Antibody (internal region) - Images

SOX21 Antibody (internal region) - References

Twenty pairs of sox: extent, homology, and nomenclature of the mouse and human sox transcription factor gene families. Schepers GE, Teasdale RD, Koopman P, Developmental cell 2002 Aug 3 (2): 167-70. PMID: 12194848