

**SOX21 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54689****Specification**

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**SOX21 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q9Y651</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28580

**SOX21 Polyclonal Antibody - Additional Information****Gene ID** 11166**Other Names**

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

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**SOX21 Polyclonal Antibody - 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}.

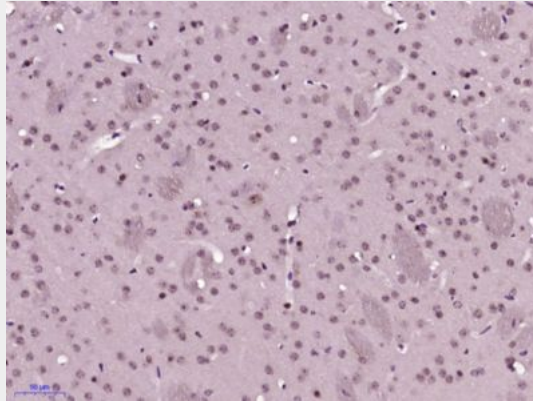
**SOX21 Polyclonal Antibody - Protocols**

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

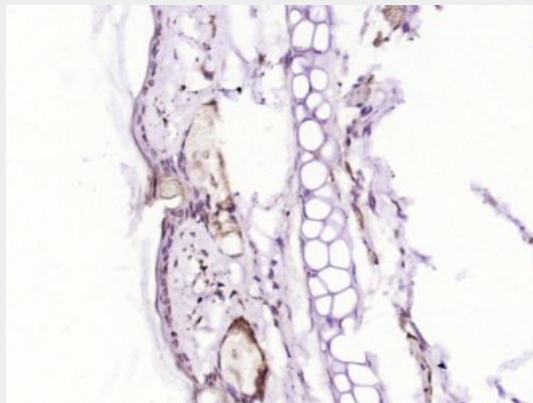
- [Western Blot](#)

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

### **SOX21 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SOX21) Polyclonal Antibody, Unconjugated (bs-11964R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SOX21) Polyclonal Antibody, Unconjugated (bs-11964R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.