

SOX4 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17108**Specification**

SOX4 Antibody (N-Terminus) - Product Information

Application	IHC, IF
Primary Accession	Q06945
Other Accession	6659
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47263

SOX4 Antibody (N-Terminus) - Additional Information**Gene ID** 6659**Other Names**

SOX4, EVI16, SRY-related HMG-box gene 4, Transcription factor SOX-4

Target/Specificity

SOX4 antibody is human, mouse and rat reactive.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

SOX4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SOX4 Antibody (N-Terminus) - Protein Information**Name** SOX4 {ECO:0000303|PubMed:8268656, ECO:0000312|HGNC:HGNC:11200}**Function**

Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif (PubMed:30661772). Required for IL17A-producing Vgamma2-positive gamma-delta T-cell maturation and development, via binding to regulator loci of RORC to modulate expression (By similarity). Involved in skeletal myoblast differentiation by promoting gene expression of CALD1 (PubMed:26291311).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267, ECO:0000269|PubMed:16631117}

Tissue Location

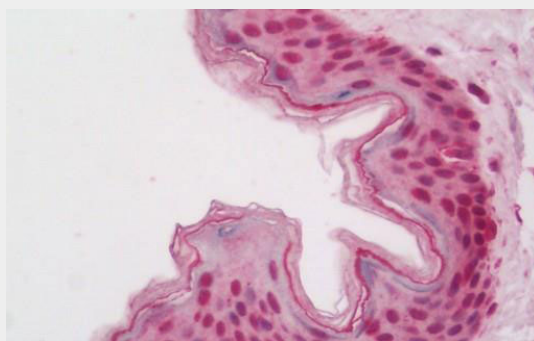
Testis, brain, and heart.

SOX4 Antibody (N-Terminus) - Protocols

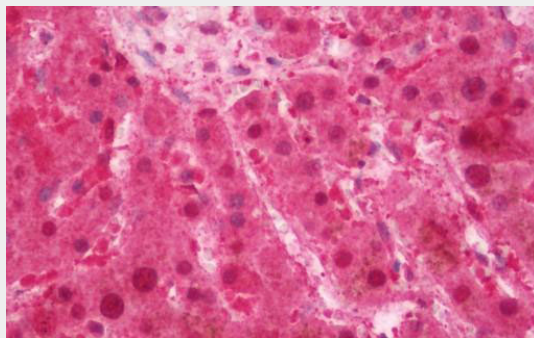
Provided below are standard protocols that you may find useful for product applications.

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

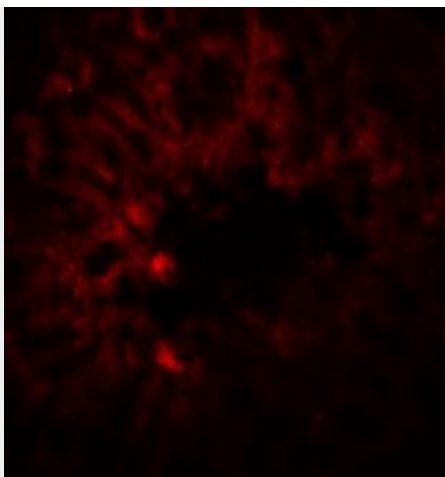
SOX4 Antibody (N-Terminus) - Images



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of SOX4 in rat testis tissue with SOX4 antibody at 20 ug/mL.

SOX4 Antibody (N-Terminus) - Background

Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif.

SOX4 Antibody (N-Terminus) - References

Farr C.J.,et al.Mamm. Genome 4:577-584(1993).
Mungall A.J.,et al.Nature 425:805-811(2003).
Denny P.,et al.Nucleic Acids Res. 20:2887-2887(1992).
Pan X.,et al.Biochem. Biophys. Res. Commun. 344:727-734(2006).