

Anti-SOX10 Antibody [1-11]

M1311-1



Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Mouse
Applications:	WB, IHC-P
Molecular Wt:	Predicted band size: 50 kDa
Clone number:	1-11

Description: Transcription factor SOX-10 is a protein that in humans is encoded by the SOX10 gene. 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 activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease

Immunogen: Recombinant protein within human SOX10 aa 80-310.

Positive control: F9, mouse fetal brain

Subcellular location: Nucleus, cytoplasm

Database links: SwissProt: Q04888 Mouse

Recommended Dilutions:

WB	1:500-1:1000
IHC-P	1:50

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn


HUABIO
www.huabio.cn

Images

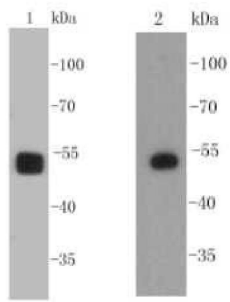


Fig1: Western blot analysis on F9 (1) and mouse fetal brain (2) cell lysates using anti-SOX10 Mouse mAb.

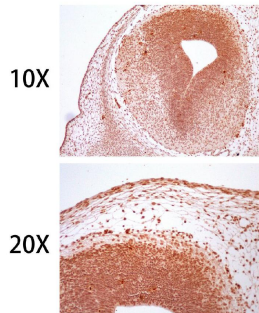


Fig2: Immunohistochemical analysis of paraffin-embedded mouse fetal brain (13.5 days) tissue using anti- SOX10 Mouse mAb.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Pingault V et al. SOX10: 20 years of phenotypic plurality and current understanding of its developmental function. *J Med Genet.* 2022 Feb
2. Yoon EC et al. TRPS1, GATA3, and SOX10 expression in triple-negative breast carcinoma. *Hum Pathol.* 2022 Jul

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
HUABIO
www.huabio.cn