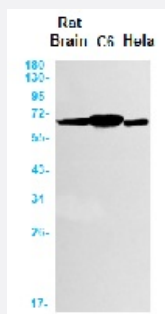


RecomAb™

SOX10 recombinant monoclonal antibody, clone R09-7D8

Catalog # RAB01690 Size 100 uL

Applications



Western Blot

Western blot analysis of SOX10 in rat Brain, C6, HeLa lysates using human SOX10 recombinant monoclonal antibody, clone R09-7D8 (Cat # RAB01690).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human SOX10.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SOX10
Theoretical MW (kDa)	Calculated MW: 50 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. 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

Western blot analysis of SOX10 in rat Brain, C6, Hela lysates using human SOX10 recombinant monoclonal antibody, clone R09-7D8 (Cat # RAB01690).

Gene Info — SOX10

Entrez GeneID[6663](#)**Protein Accession#**[P56693](#)**Gene Name**

SOX10

Gene Alias

DOM, MGC15649, WS2E, WS4

Gene Description

SRY (sex determining region Y)-box 10

Omim ID[277580](#) [601706](#) [602229](#) [609136](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

OTTHUMP00000028515|OTTHUMP00000195094|SRY-related HMG-box gene 10|dominant megacolon, mouse, human homolog of

Disease

- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)

- [Kidney Failure](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Neoplasm Metastasis](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)