

SOX10 Rabbit Polyclonal Antibody



CAB15100

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa

Calculated MW:

31kDa/49kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

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 information

Gene ID:

6663

Uniprot

P56693

Synonyms:

SOX10; DOM; PCWH; WS2E; WS4; WS4C

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

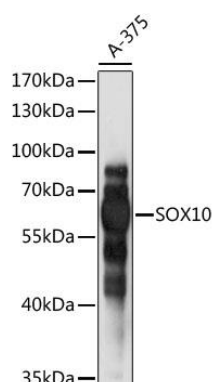
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human SOX10 (NP_008872.1).

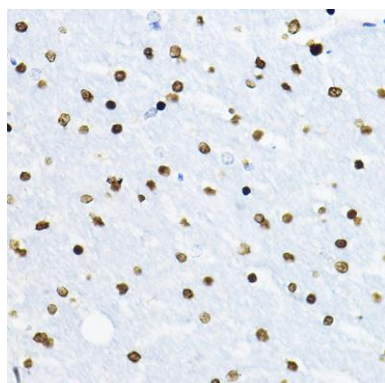
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

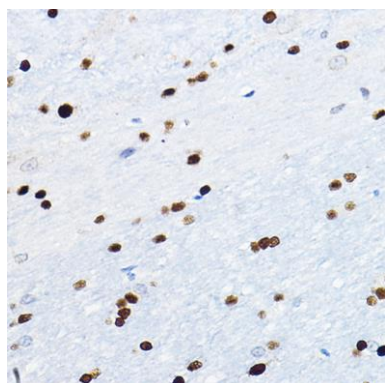
Product Images



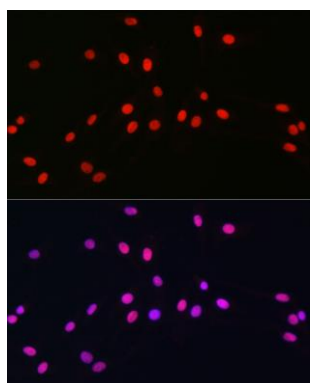
Western blot analysis of extracts of A-375 cells, using SOX10 antibody (CAB15100) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat brain using SOX10 Rabbit pAb (CAB15100) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using SOX10 Rabbit pAb (CAB15100) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using SOX10 Rabbit pAb (CAB15100) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.