



# Rabbit Anti-Human SOX10 Monoclonal Antibody, clone CQ7135 (CABT-Z198R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide corresponding to SOX10 residues within aa366-466 of SOX10 was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7135
<b>Purification</b>	ProA affinity purified IgG.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P Recommended concentration: IHC-P: 1:100-1:200
<b>Molecular Weight</b>	50 kDa
<b>Cellular Localization</b>	Nucleus
<b>Positive Control</b>	Melanoma
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl

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<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	SOX10 is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. During development, SOX10 first appears in the forming neural crest and continues to be expressed in Schwann cells. It is important for differentiation, maturation and maintenance of Schwann cells and melanocytes.
<b>Keywords</b>	SOX10; SRY-box containing gene 10; transcription factor SOX-10; dominant megacolon; transcription factor SOX-M; Dom; Sox21

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## GENE INFORMATION

<b>Gene Name</b>	SOX10
<b>Entrez Gene ID</b>	<a href="#">6663</a>
<b>UniProt ID</b>	<a href="#">P56693</a>

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