



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

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

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

BACKGROUND

Introduction	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.
Keywords	SOX10; SRY-box containing gene 10; transcription factor SOX-10; dominant megacolon; transcription factor SOX-M; Dom; Sox21

GENE INFORMATION

Gene Name	SOX10
Entrez Gene ID	6663
UniProt ID	P56693