WBSCR14 Antibody FITC Conjugated

Catalog No: #C04758F

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Description

Product Name	WBSCR14 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic peptide derived from human WBSCR14 ChREBP
Conjugates	FITC
Target Name	WBSCR14
Other Names	ChREBP; bHLHd14; Carbohydrate responsive element binding protein; MIO; MLX interacting protein like; Mlx interactor; MLXIPL; MONDOB; WBSCR 14; WBSCR14; Williams Beuren syndrome chromosome region 14; Williams Beuren syndrome chromosome region 14 protein; WS basic helix loop helix leucine zipper prote
Accession No.	NCBI Gene ID51085
Uniprot	Q9NP71
GeneID	51085;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

ChREBP (Carbohydrate responsive element binding protein) is a transcription factor playing a critical role in the nutrient and hormonal regulation of genes encoding enzymes of glucose metabolism and lipogenesis pathways. It contains several domains including a nuclear localization signal (NLS) near the N-terminus, polyproline domains, a basic helix-loop-helix leucine zipper (b HLH Zip) and a leucine zipper like (zip-like) domain.ChREBP is ubiquitously detected in various tissues, with highest expression in liver, kidney and white and brown adipose tissue. Under basal conditions ChREBP is localized in the cytosol, translocating into the nucleus upon high glucose stimulation following its dephosphorylation of serine 196.

Note: This product is for in vitro research use only