

# WBSCR14 Polyclonal Antibody Cy5.5 Conjugated

Catalog No: #C04758Cy5.5

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## Description

Product Name	WBSCR14 Polyclonal Antibody Cy5.5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human WBSCR14 ChREBP
Conjugates	Cy5.5
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 ID:51085
Concentration	1mg ml
Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

IF:1:50-200

## 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 and is not intended for use in humans or animals.