

HES1 Antibody HRP Conjugated

Catalog No: #C04399H

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Description

Product Name	HES1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B B B
Immunogen Description	KLH conjugated synthetic peptide aa 40-90 280 derived from human HES1
Conjugates	HRP
Target Name	HES1
Other Names	HHL; HRY; HES-1; bHLHb39; Transcription factor HES-1; Class B basic helix-loop-helix protein 39; Hairy and enhancer of split 1; Hairy homolog; Hairy-like protein; HES1; HL
Accession No.	Swiss-Prot#Q14469NCBI Gene ID3280
Uniprot	Q14469
GeneID	3280;
Excitation Emission	N A
Cell Localization	Nucleus
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

Transcriptional repressor of genes that require a bHLH protein for their transcription. May act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity (By similarity). May play a role in a functional FA core complex response to DNA cross-link damage, being required for the stability and nuclear localization of FA core complex proteins, as well as for FANCD2 monoubiquitination in response to DNA damage.

Note: This product is for in vitro research use only