

Datasheet for ABIN6242798  
**anti-HES1 antibody (C-Term)**



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1 Image

## Overview

Quantity:	400 µL
Target:	HES1
Binding Specificity:	AA 259-293, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HES1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This HES1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 259-293 amino acids from the C-terminal region of human HES1.
Clone:	RB51476
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HES1
Alternative Name:	HES1 ( <a href="#">HES1 Products</a> )

## Target Details

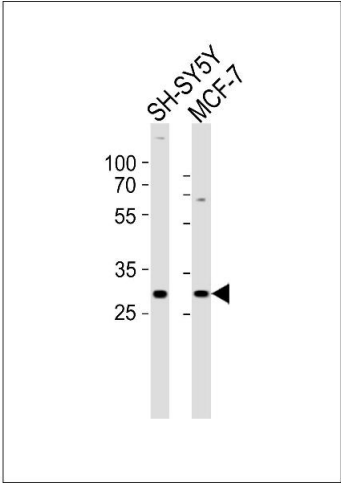
Background:	Transcriptional repressor of genes that require a bHLH protein for their transcription. May act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity (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.
Molecular Weight:	29541
UniProt:	<a href="#">Q14469</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

**Image 1.** Western blot analysis of lysates from SH-SY5Y, MCF-7 cell line (from left to right), using HES1 Antibody (C-term) (ABIN6242798 and ABIN6577770). (ABIN6242798 and ABIN6577770) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.