

Datasheet for ABIN1781859
anti-HES4 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HES4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HES4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HES4
Sequence:	RSAAEHRKVG SRP
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_001135939.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HES4
Alternative Name:	HES4 (HES4 Products)
Background:	HES4, hairy and enhancer of split 4 (Drosophila), bHLHb42, bHLH factor Hes4, class B basic helix-loop-helix protein 42, hHES4, transcription factor HES-4
Molecular Weight:	Expected molecular weight: 24 kDa
Gene ID:	57801
NCBI Accession:	NP_001135939

Application Details

Application Notes:	Western Blot: Approx 24 kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 26.1 kDa according to NP_001135939.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1781859 (1µg/ml) staining of HepG2 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.