

[Go to Product page](#)

Datasheet for ABIN291868 **anti-HES4 antibody (AA 94-221)**

Overview

Quantity:	100 µg
Target:	HES4
Binding Specificity:	AA 94-221
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This HES4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	E. coli-derived rhHES-4 (aa94-221).
Isotype:	IgG
Specificity:	Selected for its ability to recognize human HES-4 in the applications listed below. In direct ELISAs and Western Blots, this antibody shows less than 1 % cross-reactivity with rhHES-1, rhHES-2, rhHES-5, and rhHES-7.
Purification:	Affinity purified

Target Details

Target:	HES4
Alternative Name:	HES4 (HES4 Products)

Target Details

Background:	Name/Gene ID: HES4 Synonyms: HES4, BHLHb42, Transcription factor HES-4, BHLH factor Hes4, Hairy and enhancer of split 4, HHES4
Gene ID:	57801
UniProt:	Q9HCC6

Application Details

Application Notes:	Approved: ELISA, ICC, WB Usage: Western Blot: This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect human HES-4. The detection limit for rhHES-4 is approximately 5 ng/lane under non-reducing and reducing conditions. Immunocytochemistry: This antibody has been used at a concentration of 10 µg/mL to detect HES-4 in HEK293 cells. Cells were fixed with PBS containing 4 % paraformaldehyde for 20 minutes at room temperature and blocked with PBS containing 10 % normal donkey serum, 0.1 % Triton X-100, and 1 % BSA for 45 minutes at room temperature. After blocking, cells were incubated with diluted primary antibody overnight at 4? C followed by fluorochrome-coupled anti-sheep IgG at room temperature in the dark for one hour. Between each step, cells were washed with PBS containing 0.1 % BSA. Direct ELISA: This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect human HES-4. The detection limit for rhHES-4 is approximately 0.2 ng/well.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	deionized water
Concentration:	Lot specific
Buffer:	Lyophilized.