

HES4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09872
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Transcription factor HES-4
Synonyms	Transcription factor HES-4 ;hHES4;Class B basic helix-loop-helix protein 42;bHLHb42;Hairy and enhancer of split 4;bHLH factor Hes4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG). The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins. Transcriptional repressor. Binds DNA on N-box motifs: 5'-CACNAG-3'. Contains 1 basic helix-loop-helix (bHLH) domain. Contains 1 Orange domain. subunit: Transcription repression requires formation of a complex with a corepressor protein of the Groucho/TLE family.

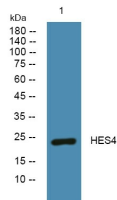
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year