

HES4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF4056a**Specification**

HES4 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O9HCC6
Other Accession	NP_001135939.1 , 57801
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	23523

HES4 Antibody (internal region) - Additional Information**Gene ID** 57801**Other Names**

Transcription factor HES-4, hHES4, Class B basic helix-loop-helix protein 42, bHLHb42, Hairy and enhancer of split 4, bHLH factor Hes4, HES4, BHLHB42

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HES4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

HES4 Antibody (internal region) - Protein Information**Name** HES4**Synonyms** BHLHB42**Function**

Transcriptional repressor. Binds DNA on N-box motifs: 5'- CACNAG-3' (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00380, ECO:0000255|PROSITE-ProRule:PRU00981}

HES4 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HES4 Antibody (internal region) - Images

AF4056a (1 µg/ml) staining of HepG2 nuclear lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HES4 Antibody (internal region) - Background

This antibody is expected to recognize isoform 1 (NP_001135939.1) only.

HES4 Antibody (internal region) - References

Hes4 Controls Proliferative Properties of Neural Stem Cells During Retinal Ontogenesis. El Yakoubi W, Borday C, Hamdache J, Parain K, Tran HT, Vleminckx K, Perron M, Locker M. Stem cells (Dayton, Ohio) 2012 Sep : . PMID: 22969013