

**Hes1 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10293****Specification****Hes1 antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q04666</a>
Other Accession	<a href="#">NM_024360</a> , <a href="#">NP_077336</a>
Reactivity	Human, Mouse, Rat, Pig, Bovine
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30kDa KDa

**Hes1 antibody - C-terminal region - Additional Information****Gene ID 29577**Alias Symbol **Hes1****Other Names**

Transcription factor HES-1, Hairy and enhancer of split 1, Hairy-like protein, RHL, Hes1, Hes-1, HI

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Hes1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Hes1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Hes1 antibody - C-terminal region - Protein Information****Name** Hes1**Synonyms** Hes-1, HI**Function**

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. 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 (By similarity).

**Cellular Location**

Nucleus.

**Tissue Location**

Present in all tissues examined but highest in epithelial cells and in mesoderm-derived tissues such as embryonal muscle cells

**Hes1 antibody - C-terminal 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](#)

