

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

Application	WB
Primary Accession	Q04666
Other Accession	NM_024360 , NP_077336
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](#)

