

Product datasheet for **TA355500**

Hes1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Specificity:	Expected reactivity: Cow, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa
Gene Name:	hes family bHLH transcription factor 1
Database Link:	NP_077336 Entrez Gene 29577 Rat Q04666
Background:	Hes1 is the transcriptional repressor of genes that require a bHLH protein for their transcription. Hes1 may act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Hes1 binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity.
Synonyms:	bHLHb39; FLJ20408; Hairy-like; HES-1; HHL; HL; HRY



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Product images:



WB Suggested Anti-Hes1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Rat Kidney