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# Hes6 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10435

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9JHE6 |
| **Other Accession** | NM_019479, NP_062352 |
| **Reactivity** | Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine |
| **Predicted** | Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 24454 |

## Additional Information

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|---|---|
| **Gene ID** | 55927 |
| **Alias Symbol** | AI326893, bHLHb41 |
| **Other Names** | Transcription cofactor HES-6, Hairy and enhancer of split 6, Hes6 {ECO:0000312\|EMBL:BAA96081.1} |
| **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-Hes6 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** | Hes6 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | Hes6 {ECO:0000312\|EMBL:BAA96081.1} |
| **Function** | Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up-regulate transcription in its presence. Promotes cell differentiation. |
| **Cellular Location** | Nucleus. |
| **Tissue Location** | Expressed in both undifferentiated and differentiated cells. High levels of expression are observed in several embryonic tissues including the nervous |

system, muscle and thymus. In the nervous system, initially expressed in the closing neural tube, then in the spinal cord, cranial and dorsal root ganglia, and brain neuroepithelium. Also expressed in epithelial cells of the embryonic respiratory, urinary and digestive systems. In the limb buds, expressed in skeletal muscle and presumptive tendons

## Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.