Datasheet for ABIN7267561
anti-HES6 antibody (AA 1-224)

Overview

Quantity: 100 μL
Target: HES6
Binding Specificity: AA 1-224
Reactivity: Human
Host: Rabbit
Clonality: Polyclonal
Conjugate: This HES6 antibody is un-conjugated
Application: Western Blotting (WB)

Product Details

Purpose: HES6 Rabbit pAb
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-224 of human HES6 (NP_061115.2).
Sequence: MAPPAAPGRD RVGREDEDGW ETRGDRKARK PLVEKKRRAR INESLQELRL LLAGAEVQAK LENAELHET VRRVQGVLQRG RAREQLOQA EASERFAAGY IQCMHEVHTF VSTCQADAT VAAELNHILL ESPLREGSS FQDLGDALQ GPRAPGRSG WPAGGPGSP IPSPPGPDLCSDLEEPE AEFLQAPAEG PDLVPAALGS LTTAQIARSV WRPW
Isotype: IgG
Cross-Reactivity: Human
Characteristics: Polyclonal Antibodies
## Product Details

| Purification: | Affinity purification |

## Target Details

<table>
<thead>
<tr>
<th>Target:</th>
<th>HES6</th>
</tr>
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<tbody>
<tr>
<td>Alternative Name:</td>
<td>HES6 (HES6 Products)</td>
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</tbody>
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### Background:
This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described.

- HES6
- C-HAIRY1
- HES-6
- bHLHb41
- bHLHc23
- Epigenetics & Nuclear Signaling
- Transcription Factors
- Neuroscience
- HES6

### Molecular Weight:
12kDa/23kDa/24kDa

### Gene ID:
55502

### UniProt:
Q96HZ4

## Application Details

<table>
<thead>
<tr>
<th>Application Notes:</th>
<th>WB, 1:500 - 1:2000</th>
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<tbody>
<tr>
<td>Restrictions:</td>
<td>For Research Use only</td>
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</tbody>
</table>

## Handling

<table>
<thead>
<tr>
<th>Format:</th>
<th>Liquid</th>
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<tbody>
<tr>
<td>Buffer:</td>
<td>PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3</td>
</tr>
<tr>
<td>Preservative:</td>
<td>Sodium azide</td>
</tr>
<tr>
<td>Precaution of Use:</td>
<td>This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.</td>
</tr>
<tr>
<td>Storage:</td>
<td>-20 °C</td>
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<tr>
<td>Storage Comment:</td>
<td>Store at -20°C. Avoid freeze / thaw cycles.</td>
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Western Blotting

**Image 1.** Western blot analysis of extracts of 293T cells, using HES6 antibody (ABIN7267561) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.