

Datasheet for ABIN2784162  
**anti-HES5 antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HES5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HES5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HES5
Sequence:	AASDTQMKLL YHFQRPPAAP AAPAKEPKAP GAAPPPALSA KATAAAAAAH
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 85%, Human: 100%, Mouse: 88%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against HES5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HES5
Alternative Name:	HES5 ( <a href="#">HES5 Products</a> )

## Target Details

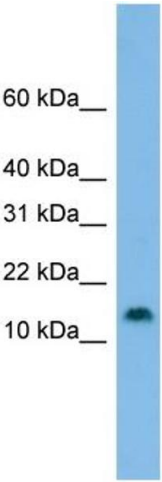
Background:	<p>This gene encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer.</p> <p>Alias Symbols: bHLHb38</p> <p>Protein Interaction Partner: STAT3, JAK2, UBC,</p> <p>Protein Size: 166</p>
Molecular Weight:	18 kDa
Gene ID:	388585
NCBI Accession:	<a href="#">NM_001010926</a> , <a href="#">NP_001010926</a>
UniProt:	<a href="#">Q5TA89</a>
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Tube Formation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 166 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.



**Western Blotting**

**Image 1.** WB Suggested Anti-HES5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: ACHN cell lysate