



# Mouse Anti-Human HES3 Monoclonal Antibody, clone 2B20 (CABT-L351M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant peptide
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2B20
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, Microarray, WB Recommended concentration: WB: 0.2-0.5 ug/ml
<b>Molecular Weight</b>	19.97 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 ml
<b>Preservative</b>	None
<b>Storage</b>	For immediate use, short term storage at 4°C up to two weeks is recommended. For long term storage, divide the solution into volumes of no less than 20 ul for freezing at -20°C or -80°C.

## BACKGROUND

### Introduction

HES3 is a member of the homeobox family of transcription factors. HES3 is expressed in undifferentiated embryonic stem (ES) cells and is also a target of the ES cell-specific network of transcription factors. It is also expressed in neural stem cells as well as the adult subventricular zone, a restricted site in the adult CNS that sustains stem cells. It is involved in the Notch signalling pathway.

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### Keywords

HES3;hes family bHLH transcription factor 3;bHLHb43;transcription factor HES-3; hairy and enhancer of split 3;class B basic helix-loop-helix protein 43

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## GENE INFORMATION

### Gene Name

HES3

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### Entrez Gene ID

[390992](#)

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### UniProt ID

[Q5TGS1](#)

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