



# Rabbit Anti-Human HES3 Polyclonal Antibody (CABT-L352R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human HES3:11-100/186.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A affinity purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC-P, IHC-F, ICC, IF Recommended dilution: ELISA: 1:500-1000 IHC-P: 1:100-500 IHC-F: 1:100-500 ICC: 1:100-500 IF: 1:100-500
<b>Molecular Weight</b>	20 kDa
<b>Cellular Localization</b>	Nuclear
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin 300 and 50% Glycerol.

<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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

## GENE INFORMATION

<b>Gene Name</b>	HES3
<b>Entrez Gene ID</b>	<a href="#">390992</a>
<b>UniProt ID</b>	<a href="#">Q5TGS1</a>