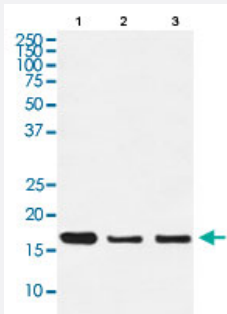


HES5 monoclonal antibody, clone AEGI-8

Catalog # MAB22269 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: 293 cell lysate; Lane 2: Mouse spleen lysate; Lane 3: C6 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HES5.
Immunogen	A synthetic peptide corresponding to human HES5.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	The antibody reacts with human, mouse, rat HES5, in native form and recombinant. Superfamily members of HES5 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: 293 cell lysate; Lane 2: Mouse spleen lysate; Lane 3: C6 cell lysate.

- Immunohistochemistry

- Immunoprecipitation

Gene Info — HES5

Entrez GeneID[388585](#)**Protein Accession#**[Q5TA89](#)**Gene Name**

HES5

Gene Alias

bHLHb38

Gene Description

hairy and enhancer of split 5 (Drosophila)

Omim ID[607348](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

OTTHUMP00000000867|hairy and enhancer of split 5

Pathway

- [Notch signaling pathway](#)