

A0925

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HES1 Rabbit mAb

Catalog No.: A0925

Recombinant

8 Publications

Basic Information

Observed MW

30kDa

Calculated MW

30kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,IP,ELISA

Cross-Reactivity

Mouse,Rat

CloneNo number

ARC0513

Background

This protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
400µg-600µg extracts of
whole cells

Immunogen Information

Gene ID

3280

Swiss Prot

Q14469

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 181-280 of human HES1 (Q14469).

Synonyms

HHL; HRY; HES-1; bHLHb39; HES1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

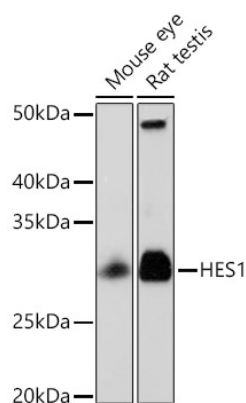
Affinity purification

Storage

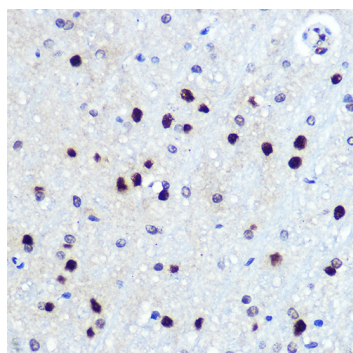
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

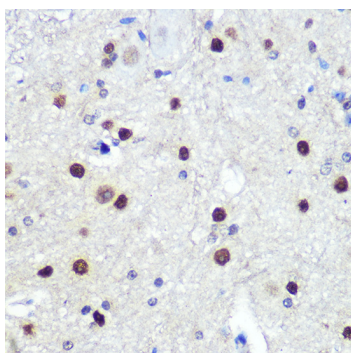
Validation Data



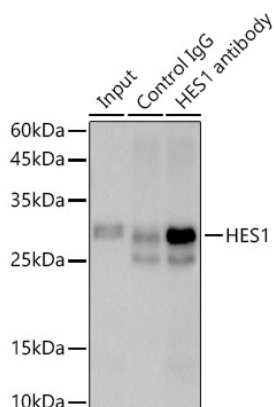
Western blot analysis of various lysates using HES1 Rabbit mAb (A0925) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 3min.



Immunohistochemistry analysis of HES1 in paraffin-embedded rat brain using HES1 Rabbit mAb (A0925) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of HES1 in paraffin-embedded mouse spinal cord using HES1 Rabbit mAb (A0925) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 600 µg extracts of Rat testis cells using 3 µg HES1 antibody (A0925). Western blot was performed from the immunoprecipitate using HES1 antibody (A0925) at a dilution of 1:500.