BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MORF4 Antibody

Catalog Number: A30172

About MORF4

Cellular senescence is the terminal non-dividing state that normal cells enter following completion of their proliferative potential. Fusions of immortal human cell lines with each other have led to their assignment to one of four complementation groups. Mortality factor 4 (MORF4) was identified as the lead member of a family of transcription factor-like proteins that reverses this immortal phenotype. Like other members in this family, MORF4 is localized to the nucleus and possesses transcription factor-like motifs such as helix-loop-helix and a leucine zipper motif that might allow it to form transcriptionally active homo- or heterodimers. MORF4 has been shown to bind to the transcription corepressors mSin3A and TLE, suggesting that together, these complexes may play a role in transcriptional repression of genes that lead to cellular senescence.

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Overview

Product Name	Anti-MORF4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MORF4 Antibody (Catalog # A30172). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	MORF4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	MORF4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y690

Technical Details

Immunogen	MORF4 antibody was raised against a 18 amino acid synthetic peptide from near the amino terminus of human MORF4. The immunogen is located within amino acids 20 - 70 of MORF4.
Predicted Reactive Species	Rat

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MORF4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MORF4 antibody can be used for the detection of MORF4 by Western blot at 1 and 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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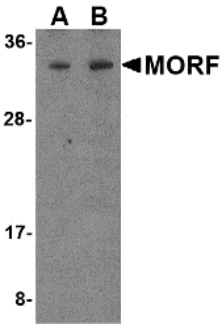
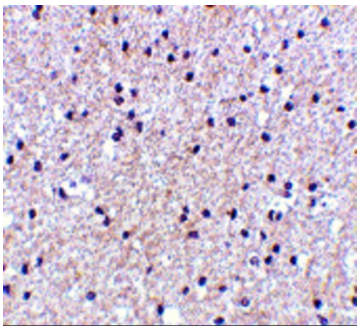
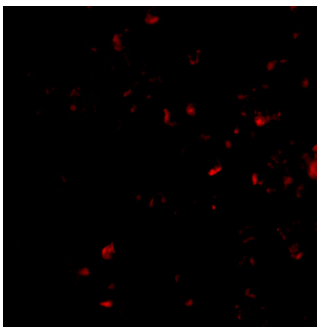
Anti-MORF4 Antibody (A30172) Images



Western blot analysis of MORF4 in K562 cell lysate with MORF4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of MORF4 in human brain tissue with MORF4 antibody at 5 ug/mL.



Immunofluorescence of MORF4 in HepG2 cells with MORF4 antibody at 20 ug/mL.

Anti-MORF4 Antibody

For Research Use Only. Not for use in diagnostic procedures.