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Datasheet for ABIN6990771
anti-MORF4 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	MORF4
Binding Specificity:	AA 20-70, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MORF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Purification:	MORF4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MORF4
Alternative Name:	MORF4 (MORF4 Products)
Background:	MORF4 Antibody: 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

Target Details

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.

Gene ID: 10934

UniProt: [Q9Y690](#)

Application Details

Application Notes: MORF4 antibody can be used for the detection of MORF4 by Western blot at 1 and 2 $\mu\text{g}/\text{mL}$. Antibody can also be used for immunohistochemistry starting at 5 $\mu\text{g}/\text{mL}$. For immunofluorescence start at 20 $\mu\text{g}/\text{mL}$.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MORF4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: MORF4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.