

## Product datasheet for **TA306449**

### **SEN1 (MORF4) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	MORF4 antibody was raised against a 18 amino acid peptide from near the amino terminus of human MORF4.
<b>Formulation:</b>	PBS containing 0.02% sodium azide.
<b>Concentration:</b>	1ug/ul
<b>Purification:</b>	Affinity chromatography purified via peptide column
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	mortality factor 4 (pseudogene)
<b>Database Link:</b>	<a href="#">NP_006783</a> <a href="#">Entrez Gene 10934 Human</a>
<b>Background:</b>	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.

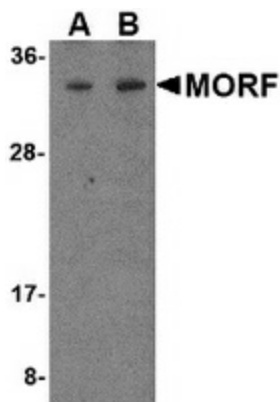


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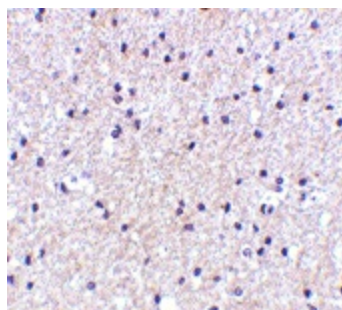
**Synonyms:** 1; cellular; CSR; CSRB; mortality factor 4; SEN; SEN1; senescence (cellular)-related 1; senescence-related

**Protein Families:** Transcription Factors

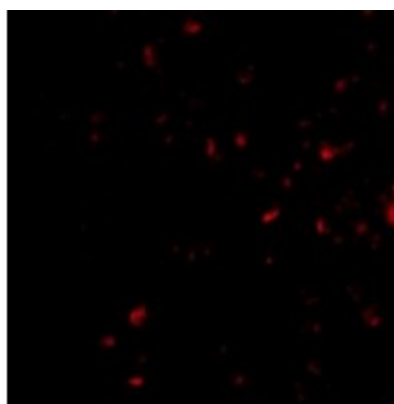
**Product images:**



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.