

## Datasheet

### MORF4 polyclonal antibody

**Catalog Number:** PAB13005

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of MORF4.

**Immunogen:** A synthetic peptide corresponding to N-terminus 18 amino acids of human MORF4.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** IHC-P, WB-Ce  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Recommend Usage:** Western Blot (1 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.02% sodium azide)

**Storage Instruction:** Store at 4°C for three months. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10934

**Gene Symbol:** MORF4

**Gene Alias:** CSR, CSRB, SEN, SEN1

**Gene Summary:** Cellular senescence, the terminal nondividing state that normal cells enter following completion of their proliferative potential, is the dominant phenotype in hybrids of normal and immortal cells. Fusions of immortal human cell lines with each other have led to their assignment to 1 of several complementation groups. MORF4 is a gene on chromosome 4 that induces a senescent-like phenotype

in cell lines assigned to complementation group B.[supplied by OMIM]

#### References:

1. Role for the mortality factors MORF4, MRGX, and MRG15 in transcriptional repression via associations with Pf1, mSin3A, and Transducin-Like Enhancer of Split. Yochum GS, Ayer DE. Mol Cell Biol. 2002 Nov;22(22):7868-76.
2. Identification of a gene that reverses the immortal phenotype of a subset of cells and is a member of a novel family of transcription factor-like genes. Bertram MJ, Berube NG, Hang-Swanson X, Ran Q, Leung JK, Bryce S, Spurgers K, Bick RJ, Baldini A, Ning Y, Clark LJ, Parkinson EK, Barrett JC, Smith JR, Pereira-Smith OM. Mol Cell Biol. 1999 Feb;19(2):1479-85.
3. Genetic analysis of indefinite division in human cells: identification of four complementation groups. Pereira-Smith OM, Smith JR. Proc Natl Acad Sci U S A. 1988 Aug;85(16):6042-6.