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Product datasheet for AP55068SU-N

c Maf (MAF) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, EMSA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot**: 1/200-1/5000. **Immunohistochemistry**: 1/50-1/500. Useful for **Electrophoretic Mobility Shift Assay** (EMSA).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Maf-GST fusion protein
Specificity:	This antibody reacts with 47 kDa Maf protein derived from a transfected CEF cell line.
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MAF bZIP transcription factor
Database Link:	Entrez Gene 4094 Human O75444

View online »

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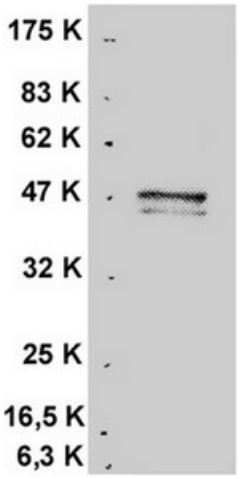
Background: c-maf is the cellular counterpart of oncogenic v-maf that belongs to the family of basic region leucine zipper domain transcription factors. The leucine-zipper domain is involved in the interaction with LRPICD. There are two forms of human c-maf mRNA, c-maf-long and c-maf-short. It is identified in the genome of the acute transforming avian retrovirus AS42. c-maf targets are IL-4 in Th2 cells, the crystalline genes in lens fiber cells, insulin gene in islet, p53 and L7 where it exerts its transcriptional role through binding to a Maf recognition element (MARE). It regulates Th2 differentiation and lineage-specific hematopoiesis. c-maf is a transcription factor for IL-10 gene expression in LPS-activated macrophages. Chromosomal aberration involving maf is found in some forms of multiple myeloma. It is expressed in myeloma cell lines and resting monocytes/macrophages.

Synonyms: Transcription factor Maf, Proto-oncogene c-maf, V-maf

Product images:



Recombinant Maf-GST protein

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