

MAF Polyclonal Antibody

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|-------------------------|-------------------|----------------------|-----------------------|
| Catalog No. | A12720 | Category | Polyclonal Antibodies |
| Applications | WB | Observed MW | 38kDa |
| Cross-reactivity | Human, Mouse, Rat | Calculated MW | 38kDa/41kDa |

Immunogen Information

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|-------------------|---|
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 314-403 of human MAF (NP_005351.2). |
| Gene ID | 4094 |
| Swiss prot | O75444 |
| Synonyms | MAF; AYGRP; CCA4; CTRCT21; c-MAF; transcription factor Maf |

Product information

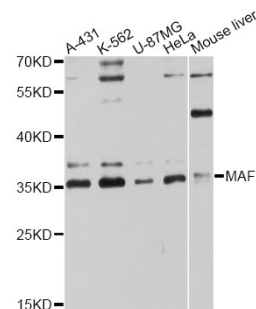
| | |
|----------------------------|--|
| Source | Rabbit |
| Isotype | IgG |
| Purification method | Affinity purification |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

Background

The protein encoded by this gene is a DNA-binding, leucine zipper-containing transcription factor that acts as a homodimer or as a heterodimer. Depending on the binding site and binding partner, the encoded protein can be a transcriptional activator or repressor. This protein plays a role in the regulation of several cellular processes, including embryonic lens fiber cell development, increased T-cell susceptibility to apoptosis, and chondrocyte terminal differentiation. Defects in this gene are a cause of juvenile-onset pulverulent cataract as well as congenital cerulean cataract 4 (CCA4). Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 -
1:2000



Western blot - MAF Polyclonal Antibody (A12720)