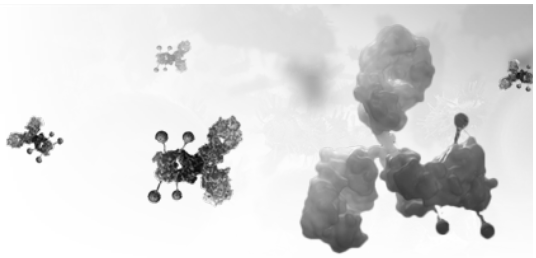

Anti-MAF (aa 304-403) polyclonal antibody (DPAB-DC1888)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	MAF (NP_005351, 304 a.a. ~ 403 a.a) partial recombinant protein with GST tag. The sequence is SCRFKRVQQRHVLESEKNQLLQQVDHLKQEISRLVRERDAYKEKYEKLVSSGFRENGSSSDNPSSPEFFITEPTRKLEPSVGYATFWKPQHRVLTSVFTK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	MAF v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog [Homo sapiens (human)]
Official Symbol	MAF
Synonyms	MAF; v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog; CCA4; c-MAF; transcription factor Maf; c-maf proto-oncogene; proto-oncogene c-Maf; T lymphocyte c-maf long form; Avian musculoaponeurotic fibrosarcoma (MAF) protooncogene;
Entrez Gene ID	4094
Protein Refseq	NP_001026974
UniProt ID	O75444
Chromosome Location	16q22-q23
Pathway	C-MYB transcription factor network; Inflammatory bowel disease (IBD); Keap1-Nrf2 Pathway; Transcriptional misregulation in cancer
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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