

DNAxPAb

Hard-to-Find
Antibody

MAFK DNAxPab

Catalog # H00007975-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAFK DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTNPKPNKALKVKKEAGENAPVLSDELVSMSVRELNQHLRGLTKEEVTRLKQRRRTLKNRGY AASCRKRVTQKEELERQRVELQQEVEKLARENSSMRLELDALRSKYEALQTFARTVARGPVAP SKVATTSVITVKSTELSSTSVPFSAAS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MAFK

Entrez GeneID [7975](#)

GeneBank Accession# [AK092414.1](#)

Protein Accession# [BAG52549.1](#)

Gene Name MAFK

Gene Alias FLJ32205, MGC71717, NFE2U, P18

Gene Description v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)

Omim ID [600197](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The developmentally regulated expression of the globin genes depends on upstream regulatory elements termed locus control regions (LCRs). LCRs are associated with powerful enhancer activity that is mediated by the transcription factor NFE2 (nuclear factor erythroid-2). NFE2 recognition sites are also present in the gene promoters of 2 heme biosynthetic enzymes, porphobilinogen deaminase (PBGD; MIM 609806) and ferrochelatase (FECH; MIM 612386). NFE2 DNA-binding activity consists of a heterodimer containing an 18-kD Maf protein (MafF, MafG (MIM 602020), or MafK) and p45 (MIM 601490). Both subunits are members of the activator protein-1 superfamily of basic leucine zipper (bZIP) proteins (see MIM 165160). Maf homodimers suppress transcription at NFE2 sites.[supplied by OMIM]

Other Designations

basic-leucine zipper transcription factor MafK|erythroid transcription factor NF-E2 p18 subunit|nuclear factor erythroid-2, ubiquitous (p18)|v-maf avian musculoaponeurotic fibrosarcoma oncogene family, protein K|v-maf musculoaponeurotic fibrosarcoma oncog