

Datasheet for ABIN2463076

anti-MAFK antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MAFK
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAFK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MAFK.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	MAFK
Alternative Name:	MAFK (MAFK Products)
Background:	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. NFE2 recognition sites are also present in the gene promoters of 2 heme biosynthetic enzymes, PBGD and FECH. NFE2 DNA-binding activity consists of a heterodimer containing an 18-kD Maf protein (MafF, MafG, or

Target Details

MafK) and p45. Both subunits are members of the activator protein-1 superfamily of bZIP proteins. Maf homodimers suppress transcription at NFE2 sites. 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 176000) and ferrochelatase (FECH, MIM 177000). 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].

Molecular Weight: 17 kDa

Gene ID: 7975

NCBI Accession: [NP_002351](#)

UniProt: [O60675](#)

Application Details

Application Notes: MAFK antibody can be used for detection of MAFK by ELISA at 1:312500. MAFK antibody can be used for detection of MAFK by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

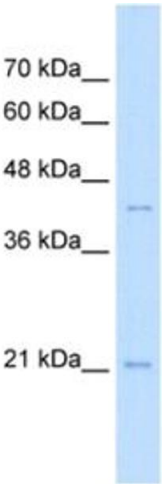
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store MAFK antibody at -20 °C.



Western Blotting

Image 1.