

# Mafk antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12810

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q61827</a>
<b>Other Accession</b>	<a href="#">NM_010757</a> , <a href="#">NP_034887</a>
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Chicken, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	17537

## Additional Information

<b>Gene ID</b>	17135
<b>Alias Symbol</b>	AW061068, NF-E2, Nfe2u
<b>Other Names</b>	Transcription factor MafK, Erythroid transcription factor NF-E2 p18 subunit, Mafk, Nfe2u
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Mafk antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Mafk antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	Mafk
<b>Synonyms</b>	Nfe2u
<b>Function</b>	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves (By similarity). However, they act as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2, NFE2L1/NRF1, NFE2L2/NRF2 and NFE2L3/NRF3, and recruiting them to specific DNA-binding sites (PubMed: <a href="#">9240432</a> ). Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor (By similarity).

**Cellular Location**

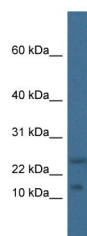
Nucleus.

**Tissue Location**

Highly expressed in heart, skeletal muscle and placenta. Also expressed in erythroid cells

**Images**

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WB Suggested Anti-Mafk Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.