10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mafk antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12810

Product Information

Application	WB
Primary Accession	Q61827
Other Accession	NM_010757, NP_034887
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17537

Additional Information

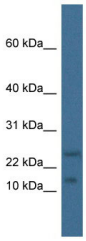
Gene ID	17135
Alias Symbol	AW061068, NF-E2, Nfe2u
Other Names	Transcription factor MafK, Erythroid transcription factor NF-E2 p18 subunit, Mafk, Nfe2u
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled 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.
Precautions	Mafk antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Mafk
Synonyms	Nfe2u
Function	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:9240432). 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



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'.