

**MAFG Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57180****Specification**

---

**MAFG Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O15525</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17850

**MAFG Polyclonal Antibody - Additional Information****Gene ID** 4097**Other Names**

Transcription factor MafG, V-maf musculoaponeurotic fibrosarcoma oncogene homolog G, hMAF, MAFG

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MAFG Polyclonal Antibody - Protein Information****Name** MAFG**Function**

Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves (PubMed:<a href="http://www.uniprot.org/citations/11154691" target="\_blank">11154691</a>). However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2, NFE2L1 and NFE2L2, and recruiting them to specific DNA-binding sites (PubMed:<a href="http://www.uniprot.org/citations/8932385" target="\_blank">8932385</a>, PubMed:<a href="http://www.uniprot.org/citations/9421508" target="\_blank">9421508</a>, PubMed:<a href="http://www.uniprot.org/citations/11154691" target="\_blank">11154691</a>). Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NFE2L2 transcription factor (PubMed:<a href="http://www.uniprot.org/citations/11154691" target="\_blank">11154691</a>). Transcription factor, component of erythroid- specific transcription factor NFE2L2 (PubMed:<a href="http://www.uniprot.org/citations/11154691" target="\_blank">11154691</a>). Activates globin gene expression when associated with NFE2L2 (PubMed:<a href="http://www.uniprot.org/citations/11154691" target="\_blank">11154691</a>). May be

involved in signal transduction of extracellular H(+) (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:11154691}

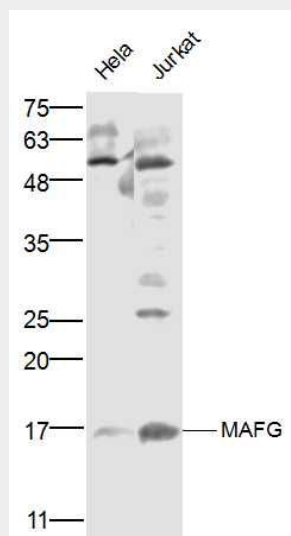
**Tissue Location**

Highly expressed in skeletal muscle. Also expressed in heart and brain

**MAFG Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MAFG Polyclonal Antibody - Images****Sample:**

Hela(Human) Cell Lysate at 40 ug

Jurkat(Human) Cell Lysate at 40 ug

Primary: Anti-MAFG (bs-18615R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 18 kD

Observed band size: 18 kD