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Product Datasheet

MAFG antibody GRP143

Description Globin gene expression is regulated through nuclear factor

erythroid-2 (NFE2) elements located in enhancer-like locus control regions positioned many kb upstream of alpha- and beta-gene clusters (summarized by Blank et al., 1997 [PubMed 9166829]). NFE2 DNA-binding activity consists of a heterodimer containing a ubiquitous small Maf protein (MafF, MIM 604877; MafG; or MafK, MIM 600197) and the tissue-restricted protein p45 NFE2 (MIM

601490). Both subunits are members of the activator

protein-1-like superfamily of basic leucine zipper (bZIP) proteins

(see MIM 165160).[supplied by OMIM]

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ChIP, ICC, IF, IHC-P, IP, WB

Immunogen Recombinant protein encompassing a sequence within the cente

region of human MAFG. The exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was

added as a preservative.

Concentration 0.53 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For

long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

Isotype IgG

Clonality Polyclonal

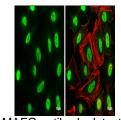
Purity Purified by antigen-affinity chromatography.

Uniprot ID 015525

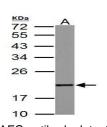
Entrez 4097

Dilution Range WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IP:

1:100-1:500



MAFG antibody detects
MAFG
protein at nucleus by
immunofluorescent
analysis.Sample: HeLa
cells
were fixed in 4%
paraformaldehyde at RT
for 15
min.Green: MAFG protein
stained by MAFG antibody
(GRP595) diluted at
1:500.Red:
phalloidin, a cytoskeleton
marker



MAFG antibody detects
MAFG
protein by western blot
analysis.A.50 ?g rat
muscle
lysate/extract 12%
SDS-PAGEMAFG
antibody (GRP595)

HRP-conjugated anti-rabbit IgG antibody was used to detect

dilution: 1:1000 The

the primary entitled