

For Research Use Only

MAFF Polyclonal antibody

Catalog Number: 12771-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

12771-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3460

GenBank Accession Number:

BC015037

GeneID (NCBI):

23764

UNIPROT ID:

Q9ULX9

Full Name:

v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)

Calculated MW:

17 aa, 8 kDa

Observed MW:

18-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: human lung tissue,

IP: SKOV-3 cells,

IHC: human ovary tumor tissue, human lung cancer tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

MAFF encodes a basic region and leucine zipper (bZIP)-type transcription factor protein (PMID: 8361754). MAFF interacts with the upstream promoter region of oxytocin receptor (OXTR) and plays a role in OXTR upregulation (PubMed: 7798245, PubMed:10527846). Mice lacking MAFF, MAFG and MAFK are embryonic lethal (PMID: 22158967). MAFF has a higher expression in adipose, colon, lung, prostate and skeletal muscle tissues (PMID: 24304889).

Notable Publications

Author	Pubmed ID	Journal	Application
Masahiro Okabe	30379099	Am J Physiol Renal Physiol	IF
Tianwei Chen	36453019	Mol Oncol	WB
Shuyuan Shen	32322670	Mol Ther Oncolytics	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

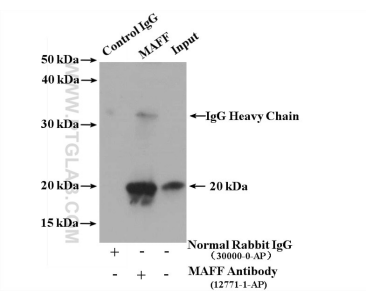
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

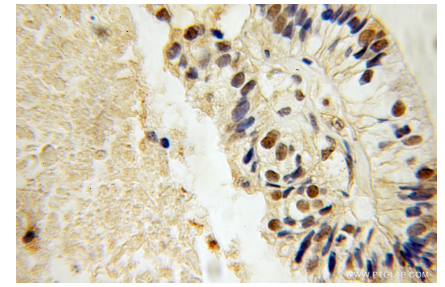
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

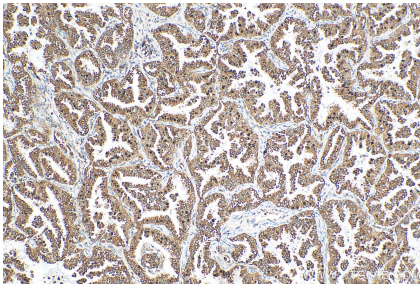


IP result of anti-MAFF (IP:12771-1-AP, 4 μ g; Detection:12771-1-AP 1:500) with SKOV-3 cells lysate 3200 μ g.

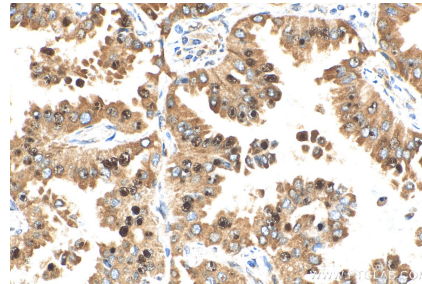
human lung tissue were subjected to SDS PAGE followed by western blot with 12771-1-AP (MAFF antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 12771-1-AP (MAFF antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12771-1-AP (MAFF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12771-1-AP (MAFF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).