Rabbit c-Maf/MAF Polyclonal Antibody | anti-MAF antibody

Anti-c-Maf/MAF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19193	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

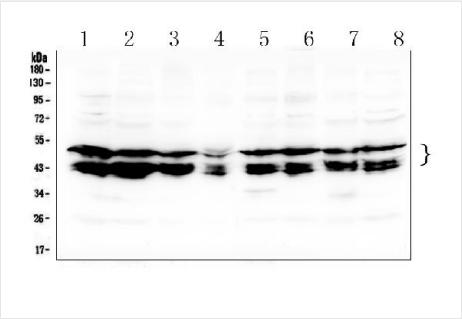
PRODUCT SYNONYMS

c-Maf/MAF; Polyclonal Antibody; Anti-c-Maf/MAF Antibody; Transcription factor Maf; Proto-oncogene c-Maf; V-maf musculoaponeurotic fibrosarcoma oncogene homolog; MAF; anti-MAF antibody

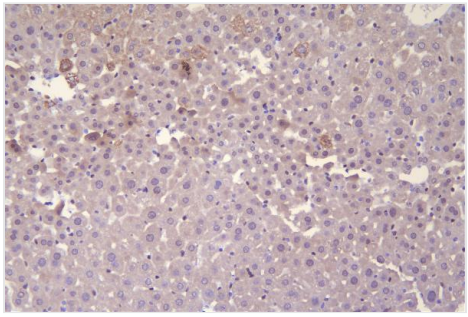
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	373
Applicable Applications for anti-MAF antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 0.25-0.5ug/ml (Human) IHC-P (Embedded Section): 0.5-1ug/ml (Human, Mouse, Rat) FC/FACS: 1-3ug/1x106 cells (Human) Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections.
Immunogen	A synthetic peptide corresponding to a sequence of human c-Maf/MAF (EQKAHLEDYYWMTGYPQQLN).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

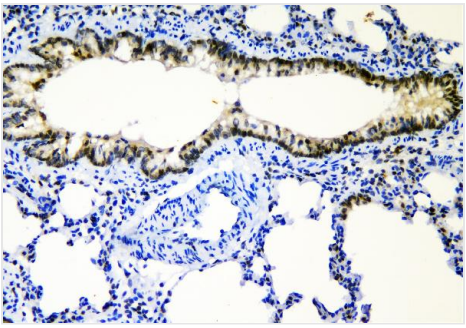
IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)



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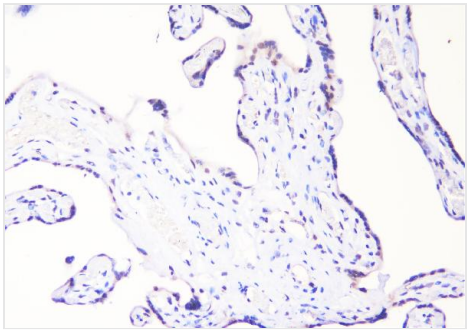

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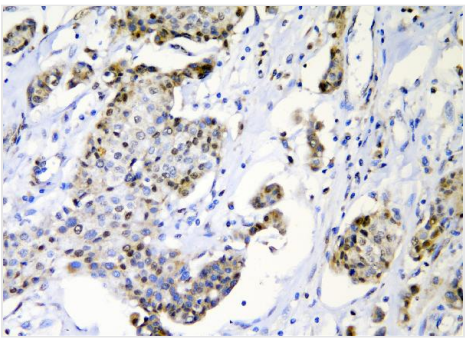

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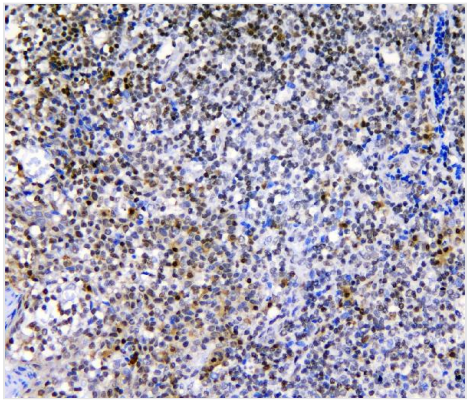

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-MAF antibody	Description: Rabbit IgG polyclonal antibody for c-Maf/MAF detection. Tested with WB, IHC-P, FCM in Human; Mouse; Rat. Background: Transcription factor Maf also known as proto-oncogene c-Maf or V-maf musculoaponeurotic fibrosarcoma oncogene homolog is a transcription factor that in humans is encoded by the MAF gene. It is mapped to 16q23.2. The protein encoded by this gene is a DNA-binding, leucine zipper-containing transcription factor that acts as a homodimer or as a heterodimer. Depending on the binding site and binding partner, the encoded protein can be a transcriptional activator or repressor. This protein plays a role in the regulation of several cellular processes, including embryonic lens fiber cell development, increased T-cell susceptibility to apoptosis, and chondrocyte terminal differentiation. Defects in this gene are a cause of juvenile-onset pulverulent cataract as well as congenital cerulean cataract 4 (CCA4). Two transcript variants encoding different isoforms have been found for this gene.

References	1. Nishizawa M, Kataoka K, Goto N, Fujiwara KT, Kawai S (Oct 1989). "v-maf, a viral oncogene that encodes a "leucine zipper" motif". Proceedings of the National Academy of Sciences of the United States of America. 86 (20): 7711-5. 2. Olbrot M, Rud J, Moss LG, Sharma A (May 2002). "Identification of beta-cell-specific insulin gene transcription factor RIPE3b1 as mammalian MafA". Proceedings of the National Academy of Sciences of the United States of America. 99 (10): 6737-42. 3. Melloul D, Marshak S, Cerasi E (Mar 2002). "Regulation of insulin gene transcription". Diabetologia. 45 (3): 309-26.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73427806
NCBI GeneID	4094
NCBI Accession #	NP_001026974.1
NCBI GenBank Nucleotide #	NP_001026974.1
UniProt Accession #	O75444
NCBI Official Full Name	transcription factor Maf isoform b
NCBI Official Synonym Full Names	MAF bZIP transcription factor
NCBI Official Symbol	MAF
NCBI Official Synonym Symbols	CCA4; AYGRP; c-MAF; CTRCT21
NCBI Protein Information	transcription factor Maf
UniProt Protein Name	Transcription factor Maf
UniProt Gene Name	**MAF**
UniProt Entry Name	MAF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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