

Rabbit MAF Polyclonal Antibody | anti-MAF antibody

MAF antibody - N-terminal region

CATALOG # AAA198357	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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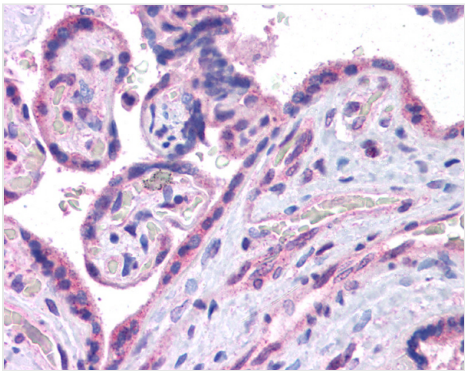
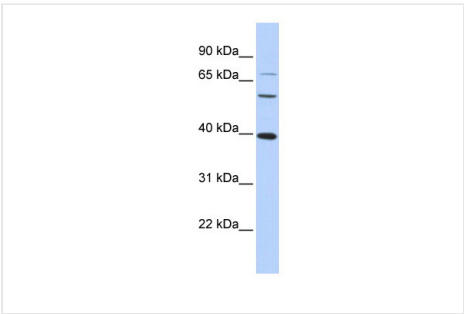
PRODUCT SYNONYMS

MAF; Polyclonal Antibody; MAF antibody - N-terminal region; anti-MAF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer and 0.09% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: MA SELAMNSDL PTSPLAMEYV NDFDLMKFEV KKEPVETDRI ISQCGRLI
Sequence Length	373
Applicable Applications for anti-MAF antibody	WB (Western Blot)
Homology	Predicted: Cow: 100%; Dog: 82%; Guinea Pig: 79%; Horse: 82%; Human: 100%; Mouse: 100%; Pig: 82%; Rabbit: 82%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MAF
Protein Interactions	MAFB; FOSL1; MAF; FOS; ATF4; AHR; SUMO1; UBE2I; PML; SIN3A; HDAC2; SMARCA5; CEBPA; KDM5B; MAFA; SOX9; EP300; MAFK; USF2; CREBBP; MYB; JUN; ETS1; HOXD12
Enhanced Validation	WB, SPR, YCHAROS
Protein Size (# AA)	373 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-MAF Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:1562500Positive
Control: Hela cell lysateHuman HeLa

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-MAF antibody	This is a rabbit polyclonal antibody against MAF. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MAF acts as a transcriptional activator or repressor. It is involved in embryonic lens fiber cell development. It recruits the transcriptional coactivators CREBBP and/or EP300 to crystallin promoters leading to up-regulation of crystallin gene during lens fiber cell differentiation. MAF is also involved in the initial chondrocyte terminal differentiation and the disappearance of hypertrophic chondrocytes during endochondral bone development. When overexpressed, MAF represses anti-oxidant reponse element (ARE)-mediated transcription. It may be involved either as an oncogene or as a tumor suppressor, depending on the cell context.
Product Categories/Family for anti-MAF antibody	Polyclonal; Developmental Biology; Stem Cells; Various; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	73427806
NCBI GeneID	4094
NCBI Accession #	NP_001026974
NCBI GenBank Nucleotide #	NM_001031804
UniProt Accession #	O75444
Molecular Weight	38kDa
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.

