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# Datasheet for ABIN2780675 anti-MAF antibody (N-Term)

3 Images



#### Overview

Quantity:	100 μL
Target:	MAF
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Horse, Dog, Guinea Pig, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAF
Sequence:	MASELAMSNS DLPTSPLAME YVNDFDLMKF EVKKEPVETD RIISQCGRLI
Predicted Reactivity:	Cow: 100%, Dog: 82%, Guinea Pig: 79%, Horse: 82%, Human: 100%, Mouse: 100%, Pig: 82%, Rabbit: 82%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against MAF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	MAF

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Target Details	
Alternative Name:	MAF (MAF Products)
Background:	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.
	Alias Symbols: MGC71685, c-MAF
	Protein Interaction Partner: MAFB, FOSL1, MAF, FOS, ATF4, AHR, SUMO1, UBE2I, PML, SIN3A,
	HDAC2, SMARCA5, CEBPA, KDM5B, MAFA, SOX9, EP300, MAFG, USF2, CREBBP, MYB, JUN,
	ETS1, HOXD12,
	Protein Size: 373
Molecular Weight:	38 kDa
Gene ID:	4094
NCBI Accession:	NM_001031804, NP_001026974
UniProt:	075444

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

## Handling

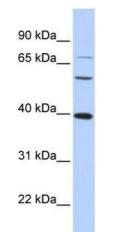
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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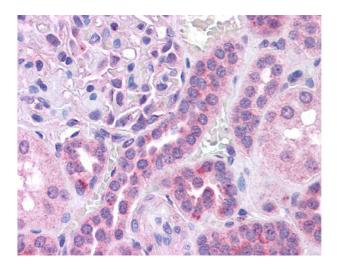
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

#### Images



#### Western Blotting

**Image 1.** WB Suggested Anti-MAF Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Hela cell lysate

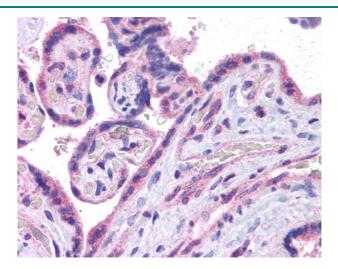


Immunohistochemistry	
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Image 2.

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### Images



Immunohistochemistry

Image 3.

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