

**ID1 Rabbit mAb**  
Catalog # AP77378

**Specification**

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**ID1 Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">P41134</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	16133

**ID1 Rabbit mAb - Additional Information**

**Gene ID** 3397

**Other Names**

ID1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

**Format**

Liquid

**ID1 Rabbit mAb - Protein Information**

**Name** ID1

**Synonyms** BHLHB24, ID

**Function**

Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation. Inhibits skeletal muscle and cardiac myocyte differentiation. Regulates the circadian clock by repressing the transcriptional activator activity of the CLOCK-BMAL1 heterodimer (By similarity).

**Cellular Location**

Cytoplasm. Nucleus.

**ID1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### ID1 Rabbit mAb - Images



