

## Anti-ID / ID1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody Catalog # ALS17407

### **Specification**

## Anti-ID / ID1 Antibody (Internal) - Product Information

Application WB, IHC-P Primary Accession P41134

Predicted Human, Mouse, Rat, Rabbit

Host Rabbit
Clonality Polyclonal
Calculated MW 16133

Dilution WB~~1:1000 IHC-P~~N/A

## Anti-ID / ID1 Antibody (Internal) - Additional Information

**Gene ID 3397** 

Alias Symbol ID1

**Other Names** 

ID1, BHLHb24, ID, Inhibitor of differentiation 1, Inhibitor of DNA binding 1, DJ857M17.1.2

#### Target/Specificity

Recognizes endogenous levels of ID1 protein.

#### **Reconstitution & Storage**

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

## **Precautions**

Anti-ID / ID1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

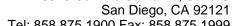
## Anti-ID / ID1 Antibody (Internal) - Protein Information

## 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.

# Anti-ID / ID1 Antibody (Internal) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-ID / ID1 Antibody (Internal) - Images