

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

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ID / ID1 Antibody (Internal) - Images