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Anti-ID / ID1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17407

Product Information

Application	WB, IHC-P
Primary Accession	P41134
Predicted	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16133
Concentration (mg/ml)	1 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.