

Anti-ID1 antibody



Description	Unconjugated Rabbit polyclonal to ID1
Model	STJ190197
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ID1 protein.
Immunogen Region	30-110aa
Gene ID	3397
Gene Symbol	ID1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ID1 Polyclonal Antibody detects endogenous levels of protein.
Purification	ID1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DNA-binding protein inhibitor ID-1 Class B basic helix-loop-helix protein 24 bHLHb24 Inhibitor of DNA binding 1 Inhibitor of differentiation 1
Molecular Weight	17 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5360 MIM:600349
Alternative Names	DNA-binding protein inhibitor ID-1 Class B basic helix-loop-helix protein 24 bHLHb24 Inhibitor of DNA binding 1 Inhibitor of differentiation 1
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-ARNTL/BMAL1 heterodimer .
Cellular Localization	Cytoplasm Nucleus.

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