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Overview

Quantity:	100 μL
Target:	ID1
Binding Specificity:	AA 51-155
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ID1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ID1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target: ID1

Target Details

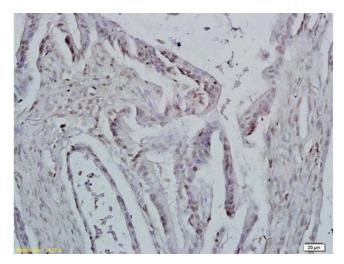
rarget Details	
Alternative Name:	ID1 (ID1 Products)
Background:	Synonyms: ID, bHLHb24, DNA-binding protein inhibitor ID-1, Class B basic helix-loop-helix
	protein 24, Inhibitor of DNA binding 1, Inhibitor of differentiation 1, ID1
	Background: Transcriptional regulator (lacking a basic DNA binding domain) 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 (By similarity).
Gene ID:	3397
UniProt:	P41134
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

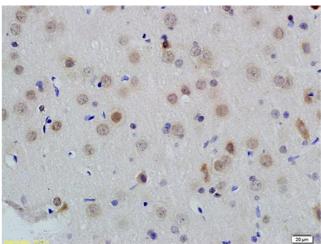
Expiry Date: 12 months

Images



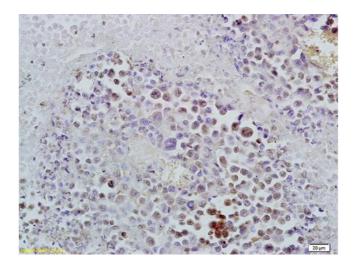
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse lymphoma tissue labeled with Anti-ID1 Polyclonal Antibody, Unconjugated (ABIN700330) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-ID1 Polyclonal Antibody, Unconjugated (ABIN700330) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-ID1 Polyclonal Antibody, Unconjugated (ABIN700330) at 1:200 followed by conjugation to the secondary antibody and DAB staining