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Datasheet for ABIN7150373  
**anti-ID3 antibody (AA 27-99) (Biotin)**

### Overview

Quantity:	100 µg
Target:	ID3
Binding Specificity:	AA 27-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ID3 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human DNA-binding protein inhibitor ID-3 protein (27-99AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	ID3
Alternative Name:	ID3 ( <a href="#">ID3 Products</a> )
Background:	Background: Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and

## Target Details

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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. Involved in myogenesis by inhibiting skeletal muscle and cardiac myocyte differentiation and promoting muscle precursor cells proliferation. Inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. Regulates the circadian clock by repressing the transcriptional activator activity of the CLOCK-ARNTL/BMAL1 heterodimer.

Aliases: 1R21 antibody, bHLHb25 antibody, Class B basic helix-loop-helix protein 25 antibody, DNA binding protein inhibitor ID 3 antibody, DNA-binding protein inhibitor ID-3 antibody, HEIR 1 antibody, HEIR1 antibody, Helix loop helix protein HEIR 1 antibody, Helix loop helix protein HEIR1 antibody, Helix-loop-helix protein HEIR-1 antibody, HLH642 antibody, ID 3 antibody, ID like protein inhibitor HLH 1R21 antibody, ID like protein inhibitor HLH 462 antibody, ID-like protein inhibitor HLH 1R21 antibody, ID3 antibody, ID3\_HUMAN antibody, Inhibitor of DNA binding 3 antibody, Inhibitor of DNA binding 3 dominant negative helix loop helix protein antibody

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UniProt: [Q02535](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.