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Datasheet for ABIN5005036

anti-ID3 antibody (AA 25-119) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ID3
Binding Specificity:	AA 25-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ID3 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ID3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	ID3
Alternative Name:	ID3 (ID3 Products)
Background:	Synonyms: 1R21, bHLHb25, Class B basic helix-loop-helix protein 25, DNA binding protein

Target Details

inhibitor ID 3, DNA-binding protein inhibitor ID-3, HEIR 1, HEIR1, Helix loop helix protein HEIR 1, Helix loop helix protein HEIR1, Helix-loop-helix protein HEIR-1, HLH642, ID 3, ID like protein inhibitor HLH 1R21, ID like protein inhibitor HLH 462, ID-like protein inhibitor HLH 1R21, ID3, ID3_HUMAN, Inhibitor of DNA binding 3, Inhibitor of DNA binding 3 dominant negative helix loop helix protein.

Background: ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. May inhibit other transcription factors.

Gene ID: 3399

Application Details

Application Notes: 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: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months