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Datasheet for ABIN5001889

anti-ELL3 antibody (AA 51-158) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	ELL3
Binding Specificity:	AA 51-158
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELL3 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ELL3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ELL3
Alternative Name:	ELL3 (ELL3 Products)
Background:	Synonyms: B cell translocation gene 2, BTG family member 2, Btg2, BTG2_HUMAN, Nerve

Target Details

growth factor inducible anti proliferative, NGF inducible anti proliferative protein PC3, NGF-inducible anti-proliferative protein PC3, PC3, Pheochromocytoma cell 3, Protein BTG2, TIS21.

Background: Eukaryotic RNA polymerase II mediates the synthesis of mature and functional messenger RNA. This is a multistep process, called the transcription cycle, that includes five stages: preinitiation, promoter, clearance, elongation and termination. Elongation is thought to be a critical stage for the regulation of gene expression. ELL (11-19 lysine-rich leukemia protein), also designated MEN, functions as an RNA polymerase II elongation factor that increases the rate of transcription by suppressing transient pausing by RNA polymerase II. It is also thought to regulate cellular proliferation. ELL is abundantly expressed in peripheral blood leukocytes, skeletal muscle, placenta and testis, with lower expression in spleen, thymus, heart, brain, lung, kidney, liver and ovary. ELL3 is a 397 amino acid nuclear protein that functions as an RNA polymerase II elongation factor that increases the rate of transcription by suppressing transient pausing by RNA polymerase II. Though similar to ELL and ELL2, ELL3 is exclusively expressed in testis.

Gene ID: 80237

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months