Datasheet for ABIN883768

anti-ASB3 antibody (AA 21-120) (Alexa Fluor 488)

Go to Product page

Overview

Quantity:	100 µL
Target:	ASB3
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASB3 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASB3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ASB3
Alternative Name:	ASB3 (ASB3 Products)

Target Details

Background:	Synonyms: Ankyrin repeat and SOCS box containing 3, Ankyrin repeat and SOCS box containing protein 3, Ankyrin repeat and SOCS box protein 3, ASB-3, ASB3, ASB3_HUMAN, Weakly similar to ankyrin brain variant 2. Background: Members of the suppressor of cytokine signaling (SOCS) family of proteins contain C-terminal regions of homology called the SOCS box, which serves to couple SOCS proteins and their binding partners with the elongin B and C complex. Serveral other families of proteins also contain SOCS boxes but differ from the SOCS proteins in the type of domain they contained upstream of the SOCS box. Four members of the ankyrin repeat and SOCS box-containing (ASB) protein family are identified and termed as ASB-1, ASB-2, ASB-3 and ASB-4. ASB-1 is expressed in multiple organs, including the hematopoietic compartment. ASB-1 knock-out mice display a diminution of spermatogenesis with less complete filling of seminiferous tubules. Asb-2 is a novel retinoic-acid (RA)-induced gene in acute promyelocytic leukemia (APL) cells and its expression induces growth-inhibition and chromatin condensation recapitulating early events critical to RA-induced differentiaiton of APL cells. ASB-2 is directly induced by all-trans retinotic acid, by the binding of RARa to the RAR binding element/RXR binding element in the Asb-2 promoter.
Gene ID:	51130

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.

Handling

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