

Datasheet for ABIN903101

anti-BAIAP2 antibody (AA 151-250) (AbBy Fluor® 488)



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Overview

Quantity:	100 µL
Target:	BAIAP2
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAIAP2 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IRS P53
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	BAIAP2
Alternative Name:	BAIAP2 (BAIAP2 Products)
Background:	Synonyms: Insulin receptor substrate P53, IRSp53, IRS P53, IRS-P53, Baiap2, BAI1 associated

Target Details

protein 2 isoform 3, Brain-specific angiogenesis inhibitor 1-associated protein 2, BAI1-associated protein 2, Insulin receptor tyrosine kinase substrate protein p53, Insulin receptor substrate p53, Insulin receptor substrate protein of 53 kDa, IRSp53, BAIP2_HUMAN, BAI-associated protein 2, BAI1-associated protein 2, Protein BAP2, Fas ligand-associated factor 3, Insulin receptor substrate p53/p58, Insulin receptor substrate protein of 53 kDa, FLAF3, IRS-58, IRSp53/58.

Background: The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This interaction at the cytoplasmic membrane is crucial to the function of this protein, which may be involved in neuronal growth-cone guidance. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. Alternative splicing of the end of this gene results in three products of undetermined function.

Gene ID: 10458

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.

Handling

Expiry Date: 12 months