Datasheet for ABIN4996613

anti-APIP antibody (AA 151-242) (Alexa Fluor 750)

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Overview

Quantity:	100 µL
Target:	APIP
Binding Specificity:	AA 151-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APIP 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 APIP
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	APIP
Alternative Name:	Apaf1 Interacting Protein (APIP Products)
Background:	Synonyms: MTNB_HUMAN, Apaf1 Interacting Protein, APIP2, CG129, CGI 29, MMRP19, MTRu 1

Target Details

	P dehydratase, Probable methylthioribulose 1 phosphate dehydratase. Background: The mammalian homologues of the key cell death gene CED 4 in C. elegans has been identified recently from human and mouse and designated Apaf1 (for apoptosis protease activating factor 1). Apaf1 binds to cytochrome c (Apaf2) and caspase 9 (Apaf3), which leads to caspase 9 activation. Activated caspase 9 in turn cleaves and activates caspase 3 that is one of the key proteases, being responsible for the proteolytic cleavage of many key proteins in apoptosis. A new Apaf1 Interacting Protein (APIP) also known as CG129 and MMRP19, has been identified as a negative regulator of ischemic injury. APIP competes with Caspase 9 binding site of Apaf1. APIP is predicted to code for a 204 amino acid. An isoform of APIP, APIP2 encodes a 242 amino acid protein, which is an alternative splicing variant differing in its N terminus from APIP. APIP transcript is ubiquitously expressed in most adult tissue with high expression in skeletal muscle, heart, and kidney.
Gene ID:	51074
Pathways:	Methionine Biosynthetic Process

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

