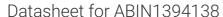
antibodies .- online.com







anti-PHYHIP antibody (AA 231-330) (FITC)



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Quantity:	100 μL	
Target:	PHYHIP	
Binding Specificity:	AA 231-330	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PHYHIP antibody is conjugated to FITC	
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 PHYHIP
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PHYHIP	
Alternative Name: PHYHIP (PHYHIP Products)		
Background:	ound: Synonyms: DYRK1A interacting protein 3, DYRK1AP3, PAHX AP1, PAHXAP1, phytanoyl Co.	

hydroxylase interacting protein, phytanoyl CoA alpha hydroxylase associated protein, Phytanoyl CoA hydroxylase associated protein 1, Phytanoyl CoA hydroxylase interacting protein, Similar to a putative C.elegans gene encoded in cosmid M01B2, PHYIP_HUMAN.

Background: PHYHIP (Phytanoyl-CoA hydroxylase-interacting protein) is a 330 amino acid protein that is strongly expressed in brain, with weak expression in ovary, small intestine and ovary. In transgenic mice, overexpression of PHYHIP in heart results in tachycardia and tachyarrhythmia. PHYHIP interacts with the Refsum disease gene product, PAHX, indicating that PHYHIP may play a role in the CNS deficits of Refsum disease, which is characterized by cerebellar degeneration, neurologic damage and peripheral neuropathies. PHYHIP also

therefore PHYHIP may participate in some of the neurological abnormalities of Down syndrome. Significantly, the gene encoding PHYHIP is localized to a region of the short arm of human chromosome 8 that is frequently found deleted in prostate, breast and several other

interacts with Dyrk1A, a protein that that is overexpressed in brain of Down-syndrome patients,

types of cancers.

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	