Datasheet for ABIN872943

anti-HIAT1 antibody (AA 1-50)

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Overview

Quantity:	100 µL
Target:	HIAT1
Binding Specificity:	AA 1-50
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIAT1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	HIAT1

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Target Details

Alternative Name:	HIAT1 (HIAT1 Products)
Background:	Synonyms: Hippocampus abundant gene transcript 1, Hippocampus abundant transcript, Hippocampus abundant transcript 1, Putative tetracycline transporter like protein, Tetracycline transporter like prot, MGC144858, rCG_28876, DKFZp564L0864, HIAT1_HUMAN. Background: The Major facilitator superfamily consists of presumed carbohydrate transporters with 10-12 membrane-spanning domains. Belonging to the facilitator superfamily, HIAT1 is a 490 amino acid multi-pass membrane protein that may function as a sugar transporter and is expressed in adult and embryonic brain. The HIAT1 gene was first observed while analyzing for active genes in neonatal mouse hippocampus. The gene encoding HIAT1 maps to human chromosome 1, the largest human chromosome spanning about 260 million base pairs and making up 8 % of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. Stickler syndrome, Parkinsons, schizophrenia, familial adenomatous polyposis, Gaucher disease and Usher syndrome are also associated with chromosome 1.
Gene ID:	64645

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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