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Datasheet for ABIN1387073 anti-FIGNL1 antibody



Overview

Quantity:	100 µL
Target:	FIGNL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIGNL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FIGNL1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	FIGNL1
Alternative Name:	FIGNL1 (FIGNL1 Products)
Background:	Synonyms: Fidgetin like protein 1, fidgetin-like 1, FIGL1_HUMAN.
	Background: FIGNL1 is a 674 amino acid protein belonging to the AAA ATPase family. FIGNL1
	exists as a hexamer that undergoes alternative splicing to produce two isoforms. FIGNL1

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	utilizes magnesium as a cofactor and is phosphorylated upon DNA damage, probably by ATM
	or ATR. FIGNL1 is suggested to regulate osteoblast proliferation and differentiation. FIGNL1 is
	encoded by a gene located on human chromosome 7, which consists about 158 milllion bases,
	encodes over 1000 genes and makes up about 5 % of the human genome. Chromosome 7 has
	been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and
	Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is
	associated with Williams-Beuren syndrome, a condition characterized by mild mental
	retardation, an unusual comfort and friendliness with strangers and an elfin appearance.
	Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid
	disorders including cases of acute myelogenous leukemia and myelodysplasia.
Gene ID:	63979
Pathways:	Microtubule Dynamics
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
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.
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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