antibodies

## Datasheet for ABIN1420555 anti-FIGNL1 antibody (Cy5.5)



Overview	
Quantity:	100 µL
Target:	FIGNL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIGNL1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human FIGNL1
lsotype:	lgG
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

utilizes magnesium as a cofactor and is phosphorylated upon DNA damage, probably by ATM

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	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 million 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:	IF(IHC-P) 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

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