## antibodies -online.com





## anti-FIGNL1 antibody (AbBy Fluor® 750)



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Quantity:	100 μL		
Target:	FIGNL1		
Reactivity:	Human, Mouse, Rat		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This FIGNL1 antibody is conjugated to AbBy Fluor® 750		
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (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

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:

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	