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Datasheet for ABIN1393156

## anti-AP5Z1 antibody (AA 288-370) (AbBy Fluor® 488)



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Quantity:	100 μL
Target:	AP5Z1
Binding Specificity:	AA 288-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP5Z1 antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human SPG48
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### **Target Details**

Target:	AP5Z1
Alternative Name:	SPG48 (AP5Z1 Products)
Background: Synonyms: Hypothetical protein LOC9907, KIAA0415, Uncharacterized protein KIAA04	

#### AP5Z1\_HUMAN.

Background: Chromosome 7 is about 158 milllion bases long, 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. KIAA0415 is a 807 amino acid protein that exists as three alternatively spliced isoforms. The KIAA0415 gene product has been provisionally designated KIAA0415 pending further characterization.

### **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