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Datasheet for ABIN1411050  
**anti-AP5Z1 antibody (AA 288-370) (Cy7)**

## Overview

Quantity:	100 µL
Target:	AP5Z1
Binding Specificity:	AA 288-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP5Z1 antibody is conjugated to Cy7
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## 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 ( <a href="#">AP5Z1 Products</a> )
Background:	Synonyms: Hypothetical protein LOC9907, KIAA0415, Uncharacterized protein KIAA0415,

## Target Details

AP5Z1\_HUMAN.

Background: Chromosome 7 is about 158 million 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