# antibodies -online.com





Datasheet for ABIN911397

# anti-PLEKHM1 antibody (AA 546-700) (Cy7)



Go to Product page

( )	1/0	r\ /1	014	
( )	ve	I V I	-v	V

Quantity:	100 μL	
Target:	PLEKHM1	
Binding Specificity:	AA 546-700	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PLEKHM1 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 PLEKHM1	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	PLEKHM1	
Alternative Name:	PLEKHM1 (PLEKHM1 Products)	
Background:	ground: Synonyms: 162 kDa adapter protein, AP162, PH domain-containing family M member 1,	

PKHM1\_HUMAN, Pleckstrin homology domain-containing family M member 1, PLEKHM1. Background: Involved in vesicular transport in the osteoclast (By similarity). May have a role in sialyl-lex-mediated transduction of apoptotic signals. Tissue specificity: Expressed in placenta, liver, prostate, thymus, spleen, ovary, colon, colon carcinoma and peripheral blood lymphocytes (PBL). Weakly expressed in brain, lung, kidney, and testis. No expression in heart, skeletal muscle, pancreas and small intestine. Predominantly expressed in the breast carcinoma cell line MCF-7. Involvement in disease: Defects in PLEKHM1 are the cause of osteopetrosis autosomal recessive type 6 (OPTB6), also known as autosomal recessive osteopetrosis intermediate form. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. The disorder occurs in two forms: a severe autosomal recessive form occurring in utero, infancy, or childhood, and a benign autosomal dominant form occurring in adolescence or adulthood. Autosomal recessive osteopetrosis is usually associated with normal or elevated amount of non-functional osteoclasts.

Gene ID:

9842

### **Application Details**

Δnn	lication	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	