Datasheet for ABIN911396

anti-PLEKHM1 antibody (AA 546-700) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	PLEKHM1
Binding Specificity:	AA 546-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHM1 antibody is conjugated to Cy5.5
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:	Synonyms: 162 kDa adapter protein, AP162, PH domain-containing family M member 1,

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Target Details

	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

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

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