PRELP antibody

Catalog No: #40410

Package Size: #40410-1 50ul #40410-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

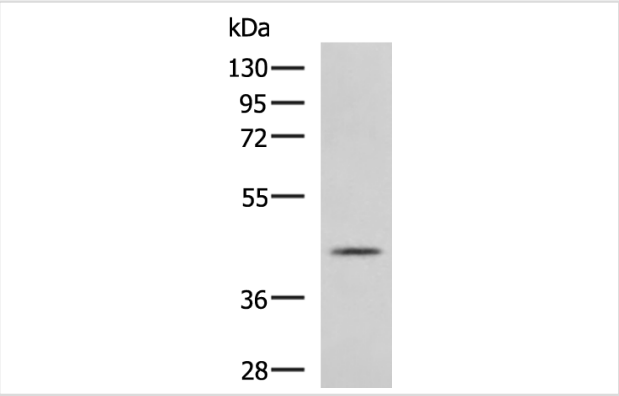
Description

Product Name	PRELP antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Fusion protein of human PRELP
Conjugates	Unconjugated
Target Name	PRELP
Other Names	MST161; SLRR2A; MSTP161
Accession No.	NCBI Protein#:BC032498
Calculated MW	44 kDa
Concentration	0.9mg/ml
Formulation	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Storage	Store at -20°C/1 year

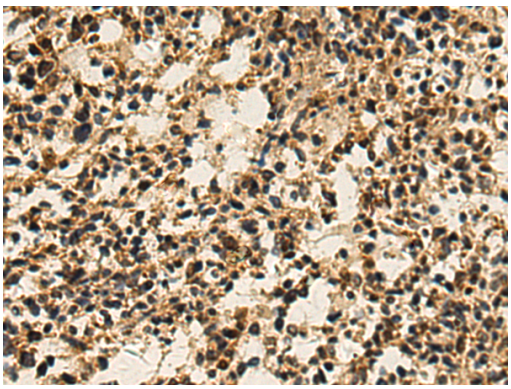
Application Details

WB dilution:1:500-1:2000IHC dilution:1:100-1:300

Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane: Mouse heart tissue lysate, Primary antibody:PRELP Antibody at dilution 1/900, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 1 minute



The image is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using (PRELP Antibody) at dilution 1/120.

Background

The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]

Published Papers

el at., PRELP inhibits colorectal cancer progression by suppressing epithelial-mesenchymal transition and angiogenesis via the inactivation of the FGF1/PI3K/AKT pathway. In Apoptosis on 2024 Sep 6 by Xiaoqing Li, Zhongxiang Jiang,et al..PMID:39242474, , (2024)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.