



Anti-PLS1 (aa 549-579) polyclonal antibody (DPABH-23819)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues. Fimbrin is a 68-kD actin-bundling protein.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 549-579 of Human PLS1 (NP_001165783.1, NP_001138791.1)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS

Preservative	0.09% Sodium Azide
Storage	Store at 4°C (up to 6 months). For long term storage store at -20°C

GENE INFORMATION

Gene Name	PLS1 plastin 1 [Homo sapiens]
Official Symbol	PLS1
Synonyms	PLS1; plastin 1; plastin 1 (I isoform); plastin-1; I plastin; Plastin 1; fimbrin; intestine specific plastin; intestine-specific plastin;
Entrez Gene ID	5357
Protein Refseq	NP_001138791
UniProt ID	Q14651
Chromosome Location	3q23
Function	actin filament binding; calcium ion binding; structural constituent of cytoskeleton;