

Product datasheet for **TA349125**

EPLIN (LIMA1) Rabbit Polyclonal Antibody

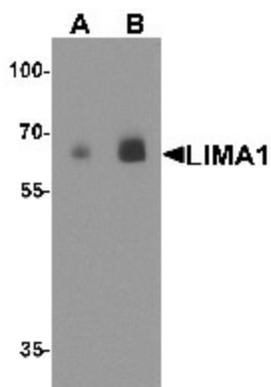
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	LIMA1 antibody was raised against an 18 amino acid peptide near the amino terminus of human LIMA1
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	LIMA1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 50, 66, 84 kDa; Observed: 65 kDa
Gene Name:	LIM domain and actin binding 1
Database Link:	NP_001107018 Entrez Gene 51474 Human Q9UHB6
Background:	The Lim domain and actin-binding protein 1 (LIMA1) is cytoskeleton-associated protein that inhibits actin filament depolymerization and cross-links filaments in bundles and is downregulated in some cancer cell lines (1,2). LIMA1 is also a key molecule linking the cadherin-catenin complex to the actin cytoskeleton (3). Recent studies have shown that EGF activates ERK1/2-dependent phosphorylation, ubiquitination and degradation of LIMA1, leading to increased invasiveness and metastasis of metastatic prostate cancer models (4).
Synonyms:	MRT2; MRT2A

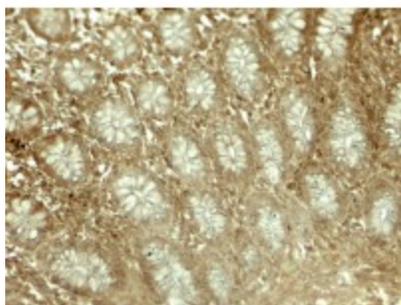


[View online »](#)

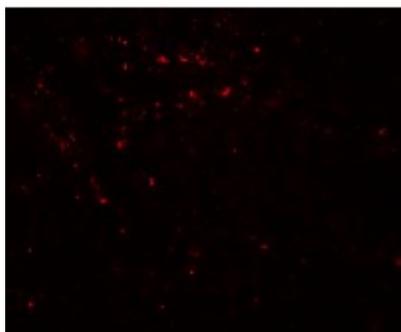
Product images:



Western blot analysis of LIMA1 in human colon tissue lysate with LIMA1 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of LIMA1 in human colon tissue with LIMA1 antibody at 5 ug/mL.



Immunofluorescence of LIMA1 in human colon tissue with LIMA1 antibody at 20 ug/mL.