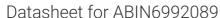
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anti-LIMA1 antibody (N-Term)



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	N/P	r\/I	i⊢₩

Quantity:	0.1 mg	
Target:	LIMA1	
Binding Specificity:	AA 230-280, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This LIMA1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))	
Product Details		
Immunogen:	LIMA1 antibody was raised against an 18 amino acid peptide near the amino terminus of human LIMA1. The immunogen is located within amino acids 230 - 280 of LIMA1.	
Isotype:	IgG	
Specificity:	LIMA1 antibody is human specific. At least four isoforms of LIMA1 are known to exist, this antibody will only detect the three largest isoforms.	
Purification:	LIMA1 antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	LIMA1	
Alternative Name:	LIMA1 (LIMA1 Products)	

Target Details

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).		
Molecular Weight:	Predicted: 50, 66, 84 kDa		
	Observed: 65 kDa		
Gene ID:	51474		
NCBI Accession:	NP_001107018		
UniProt:	Q9UHB6		
Application Details			
Application Notes:	LIMA1 antibody can be used for detection of LIMA1 by Western blot at 0.5 - 1 μ,g/mL. Antibody		
	can also be used for immunohistochemistry starting at 5 μ ,g/mL. For immunofluorescence		
	start at 20 μ,g/mL.		
	Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples		
	and Immunofluorescence in human samples. All other applications and species not yet tested.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	LIMA1 antibody is supplied in PBS containing 0.02 % sodium azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Storage:	-20 °C,4 °C		
Storage Comment:	LIMA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.		