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Datasheet for ABIN6992089 **anti-LIMA1 antibody (N-Term)**

Overview

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 (Paraffin-embedded 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 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/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.