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Datasheet for ABIN1696541

anti-LIMS2 antibody (AA 251-341) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	LIMS2
Binding Specificity:	AA 251-341
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIMS2 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LIMS2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	LIMS2
Alternative Name:	LIMS2 (LIMS2 Products)
Background:	Synonyms: FLJ10044, ILK binding protein, LIM and senescent cell antigen like domains 2, LIM

Target Details

and senescent cell antigen-like-containing domain protein 2, LIM-like protein 2, LIMS2, LIMS2_HUMAN, Particularly interesting new Cys-His protein 2, PINCH 2, PINCH-2, PINCH2.

Background: Pinch is a focal adhesion protein that is a component of the ILK-PINCH complex. This complex is a major part of the growth factor and integrin signaling pathway. Pinch is involved in cell differentiation, proliferation and survival by acting as an effector of integrin and growth factor signaling. It is a cytoplasmic protein expressed in most tissues and consists of five LIM domains, a nuclear localization signal and a nuclear export signal. The PINCH-1/ILK complex is regulated by another member of the Pinch family, PINCH-2, which also forms a complex with ILK.

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months