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Datasheet for ABIN5009140

anti-MOBKL3 antibody (AA 101-200) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	MOBKL3
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOBKL3 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PREI3/Phocein
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MOBKL3
Alternative Name:	PREI3/Phocein (MOBKL3 Products)
Background:	Synonyms: 2C4D, CGI 95, class II mMOB1, MGC12264, MOB family member 4, phocein, MOB

Target Details

like protein phocein, MOB1, mob1 homolog 3, MOB1, Mps One Binder kinase activator like 3, Mob3, MOB4, MOBKL3, MOBL3_HUMAN, mps one binder kinase activator like 3, Mps one binder kinase activator-like 3, Phocein Mob like protein, PHOCN, PREI3, Preimplantation protein 3, RCJMB04_1o21.

Background: Phocein is a 225 amino acid protein encoded by the human gene MOBKL3.

Phocein belongs to the MOB1/phocein family and is phosphorylated on serine residues.

Phocein is a widely expressed, highly conserved intracellular protein. The sequence of Phocein has limited homology to the sigma subunits from Clathrin adaptor complexes and contains an additional stretch bearing a putative SH3-binding domain. Phocein is usually associated with membranes but can be present in the cytosol, where it behaves as a protein complex. Phocein is the major partner of the striatin family members, which are scaffolding proteins involved in signaling and trafficking. Due to its association with Dynamin via direct interactions with nucleotide diphosphate kinase (NDPK) and Eps15, Phocein has been implicated in vesicular trafficking, acting in particular in the endocytic process.

Gene ID: 25843

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.

Handling

Expiry Date: 12 months