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Datasheet for ABIN1714319 **anti-MOBKL3 antibody (AA 101-200)**

Overview

Quantity:	100 µL
Target:	MOBKL3
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOBKL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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)

Target Details

Background: Synonyms: 2C4D, CGI 95, class II mMOB1, MGC12264, MOB family member 4, phocein, MOB 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: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months