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MOBKL2A Rabbit pAb

Catalog # AP100255

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96BX8
Other Accession	Q96BX8
Reactivity	Rat
Predicted	Human, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25464
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MOBKL2A
Epitope Specificity	61-160/217
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the MOB1/phocein family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MOBKL2A is a 217 amino acid protein that regulates kinase activity. A member of the MOB1/phocein family, MOBKL2A is encoded by a gene that maps to human chromosome 19. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc?receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19.

Additional Information

Gene ID	126308
Other Names	MOB-LAK; MOB1C; MOBKL2A; moblak; 5330417K06Rik; A630029F06; Mobkl2b; MOB3A_HUMAN; MOB3A; Mob1 homolog 2A; Mps one binder kinase activator-like 2A; MOB3A_MOUSE; MOB kinase activator 3A; MOB1, Mps One Binder kinase activator-like 2A (yeast); MOB LAK
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MOB3A
Synonyms	MOBKL2A
Function	May regulate the activity of kinases.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.