

ARG42199 anti-MOB4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MOB4
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MOB4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-225 of Human MOB4 (NP_056202.2).
Conjugation	Un-conjugated
Alternate Names	Preimplantation protein 3; 2C4D; Mob3; PHOCN; CGI-95; Mps one binder kinase activator-like 3; PREI3; MOB-like protein phocin; MOB3; Class II mMOB1; MOB1; MOBKL3; Mob1 homolog 3

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	
Observed Size	~ 23 kDa	

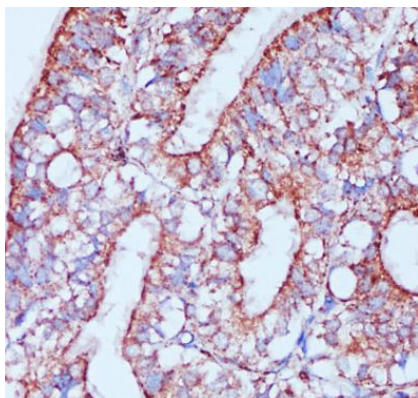
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

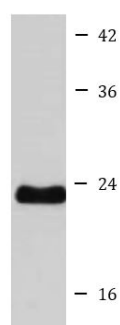
Gene Symbol	MOB4
Gene Full Name	MOB family member 4, phocein
Background	This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic gene activation. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HSPE1. [provided by RefSeq, Feb 2011]
Function	May play a role in membrane trafficking, specifically in membrane budding reactions. [UniProt]
Calculated Mw	26 kDa
PTM	Phosphorylated on serine residues. [UniProt]
Cellular Localization	Cytoplasm, perinuclear region. Membrane; Peripheral membrane protein. Golgi apparatus, Golgi stack membrane; Peripheral membrane protein. Note=In a perinuclear punctate pattern. Associated with membranes and the Golgi stacks. [UniProt]

Images



ARG42199 anti-MOB4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat ovary tissue stained with ARG42199 anti-MOB4 antibody at 1:100 dilution.



MCF7

ARG42199 anti-MOB4 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG42199 anti-MOB4 antibody at 1:3000 dilution.