

## ARG42176 anti-MOBKL3 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MOBKL3
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MOBKL3
Species	Human
Immunogen	Synthetic peptide around the internal region of Human MOBKL3. (C-NSNKYFPSRVSIKES) (NP_056202.2; NP_955776.1; NP_001094289.1)
Conjugation	Un-conjugated
Alternate Names	Preimplantation protein 3; 2C4D; Mob3; PHOCN; CGI-95; Mps one binder kinase activator-like 3; PREI3; MOB-like protein phocein; MOB3; Class II mMOB1; MOB1; MOBKL3; Mob1 homolog 3

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human frontal cortex, Mouse brain and Rat brain	
Observed Size	~ 26 kDa	

### Properties

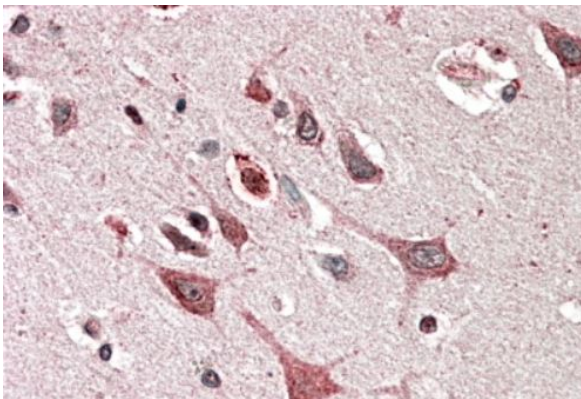
Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
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 or below. 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

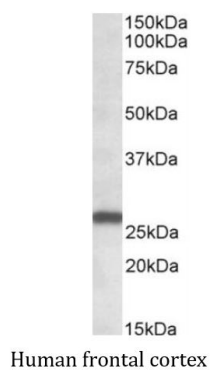
Gene Symbol	MOB4
Gene Full Name	MOB family member 4, phocein
Background	This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic 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



ARG42176 anti-MOBKL3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebral cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42176 anti-MOBKL3 antibody at 5 µg/ml dilution followed by AP-staining.



ARG42176 anti-MOBKL3 antibody WB image

Western blot: 35 µg of Human frontal cortex lysate (in RIPA buffer) stained with ARG42176 anti-MOBKL3 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.

### ARG42176 anti-MOBKL3 antibody WB image



Western blot: 35  $\mu$ g of Mouse brain and Rat brain lysates stained with ARG42176 anti-MOBKL3 antibody at 0.3  $\mu$ g/ml dilution and 1  $\mu$ g/ml dilution, respectively. Primary antibodies incubated at RT for 1 hour.