

Datasheet for ABIN359087
anti-MOBKL1A antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	MOBKL1A (MOB1B)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOBKL1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MOB4A.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MOB4A.
Purification:	Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	MOBKL1A (MOB1B)
Alternative Name:	MOB4A (MOB1B Products)

Target Details

Background:	MOB4A is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. Mob4A regulates NDR1 and NDR2 kinase activity, widely expressed nuclear serine-threonine kinases that have been implicated in cell proliferation and/or tumor progression.Synonyms: MOBKL1A, Mob1 homolog 1A, Mob1B, Mps one binder kinase activator-like 1A
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Gene ID:	92597, 9606
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UniProt:	Q7L9L4
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Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	PBS with 0.09 % (W/V) sodium azide
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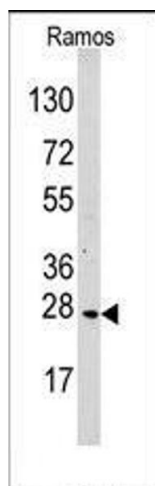
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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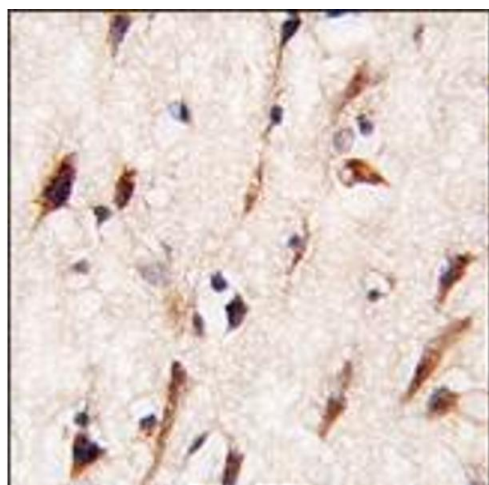
Storage:	4 °C/-20 °C
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Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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Western Blotting

Image 1. Western blot analysis of MOB4A Antibody (C-term) in Ramos cell line lysates (35ug/lane). MOB4A (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with MOB4A antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.