



Phocein Polyclonal Antibody

Catalog No	YP-Ab-04081
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MOB4
Immunogen	The antiserum was produced against synthesized peptide derived from human MOBL3. AA range:1-50
Specificity	Phocein Polyclonal Antibody detects endogenous levels of Phocein protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PHOCN;Mps one binder kinase activator-like 3;MOB4;CGI-95;2C4D2;Phocein; MOB-like protein phocein;MOB3;MOBKL3;PREI3;2C4D;Class II mMOB1;Mob1 homolog 3;Preimplantation protein 3
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Cytoplasm, perinuclear region . Membrane ; Peripheral membrane protein . Golgi apparatus, Golgi stack membrane ; Peripheral membrane protein . In a perinuclear punctate pattern. Associated with membranes and the Golgi stacks.
Tissue Specificity	Adrenal gland,Brain,Trachea,Urinary bladder,
Function	PTM:Phosphorylated on serine residues.,similarity:Belongs to the MOB1/ phocein family.,subcellular location:In a perinuclear punctate pattern. Associated with membranes and the Golgi stacks.,subunit:Binds STRN4 (By similarity). Binds STRN and STRN3. Part of a ternary complex containing MOBKL3, STRN and/or STRN3 and PPA2.,



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],

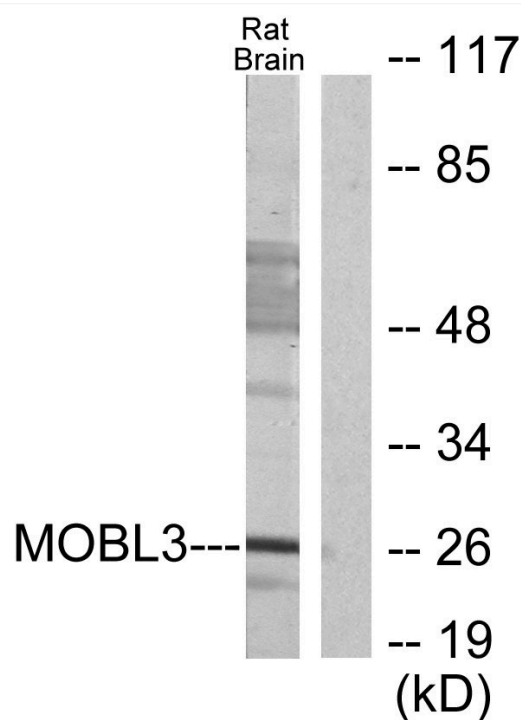
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

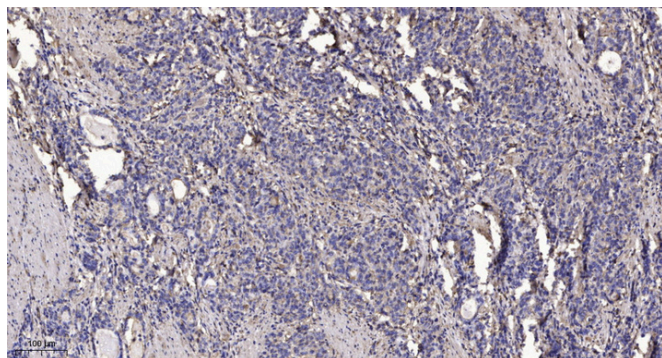
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from rat brain cells, using MOBL3 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HT-29 cells using MOBL3 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).