



Rabbit Anti-LIMKAIN B1 antibody

SL18276R

Product Name:	LIMKAIN B1
Chinese Name:	减数分裂阻滞蛋白1抗体
Alias:	KIAA0430; Limkain-b1; LKAP; MARF1_HUMAN; MARF1; Meiosis arrest female 1; Meiosis arrest female protein 1; PPP1R34; Protein phosphatase 1, regulatory subunit 34.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	193kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LIMKAIN B1:701-800/1742
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a putative peroxisomal protein that appears to be conserved across Euteleostomi. In humans, it may be autoantigenic. [provided by RefSeq, Jul 2010] Function: Essential regulator of oogenesis required for female meiotic progression to repress

transposable elements and preventing their mobilization, which is essential for the germline integrity. Probably acts via some RNA metabolic process, equivalent to the piRNA system in males, which mediates the repression of transposable elements during meiosis by forming complexes composed of RNAs and governs the methylation and subsequent repression of transposons. Also required to protect from DNA double-strand breaks (By similarity).

Subunit:

Interacts with LIMK2.

Subcellular Location:

Peroxisome.

Similarity:

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

Q9Y4F3

Gene ID:

9665

Database links:

[Entrez Gene: 9665](#) Human

[Entrez Gene: 223989](#) Mouse

[Omim: 614593](#) Human

[SwissProt: Q9Y4F3](#) Human

[SwissProt: Q8BJ34](#) Mouse

[Unigene: 173524](#) Human

[Unigene: 85442](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.