SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-OIP-5/CT86 antibody

SL8856R

Product Name:	OIP-5/CT86
Chinese Name:	癌/睾丸抗原抗体86抗体
Alias:	5730547N13Rik; Cancer/testis antigen 86; CT 86; CT86; hMIS18beta; LAP2alpha interactor 25; LINT 25; LINT25; MIS18B; MIS18beta; MS18B_HUMAN; OIP 5; OIP-5; OIP5; Opa interacting protein 5; Opa-interacting protein 5; Protein Mis18-beta.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=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:	25kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OIP-5:131-229/229
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:	OIP5 is a 229 amino acid nuclear protein that is required for chromosome segregation during mitosis. OIP5 exists as a homodimer but can also heterodimerize with FASP1 (FAPP1-associated protein 1). Essential for the recruitment of CENP-A (centromere autoantigen A) to centromeres, OIP5 localizes to centromeres of interphase cells during late anaphase and G1. The gene encoding OIP5 maps to human chromosome 15, which

houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

Function:
Required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis.

Subcellular Location:
Nucleus. Chromosome. Chromosome, centromere. Associated with centromeres in interphase cells, from late anaphase to the G1 phase. Not detected on centromeres during earlier phases of mitosis. Associated with chromatin.

SWISS:
O43482

Gene ID:
11339

Database links:

Entrez Gene: 11339 Human

Omim: 606020 Human

SwissProt: O43482 Human

Unigene: 661645 Human

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