

Rabbit Anti-LRRC18/AP Conjugated antibody

SL18369R-AP

Product Name	Anti-LRRC18/AP
Chinese Name	碱性磷酸酶（AP）标记的富含亮氨酸重复蛋白 18 抗体
Alias	Leucine rich repeat containing 18; Leucine-rich repeat-containing protein 18; LRC18_HUMAN; Lrrc18; MGC34773; UNQ933; UNQ9338; VKGE9338.
Research Area	Cell biology Developmental biology Signal transduction Stem cells
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Horse,Rabbit) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	30kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human LRRC18
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: LRRC18 is a 261 amino acid protein that contains seven LRR repeats. Localized to the cytoplasm, LRRC18 may be involved in spermatogenesis and sperm maturation. LRRC18 is expressed as two isoforms produced by alternative splicing and is encoded by a gene mapping to human chromosome 10.

Function:

May be involved in the regulation of spermatogenesis and sperm maturation.

Subcellular Location:

Cytoplasm.

Similarity:

Contains 7 LRR (leucine-rich) repeats.

Database links:

[Entrez Gene: 474354](#) Human

[Entrez Gene: 67580](#) Mouse

[SwissProt: Q8N456](#) Human

[SwissProt: Q9CQ07](#) Mouse

[Unigene: 202438](#) Human

Important Note:

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