



## Rabbit Anti-PLEKHM3 antibody

SL8064R

<b>Product Name:</b>	PLEKHM3
<b>Chinese Name:</b>	血小板白细胞C激酶底物同源结构域M3抗体
<b>Alias:</b>	DAPR; PH domain containing family M member 3; PH domain-containing family M member 3; PKHM3_HUMAN; Pleckstrin homology domain containing family M member 3; Pleckstrin homology domain-containing family M member 3; PLEKHM1L; Plekhm3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	87kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PLEKHM3:651-761/761
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	PLEKHM3 (pleckstrin homology domain containing, family M, member 3), also known as DAPR or PLEKHM1L (pleckstrin homology domain containing, family M, member 1-like), is a 761 amino acid phosphoprotein that contains two pleckstrin homology (PH) domains and one phorbol-ester/DAG-type zinc finger. Conserved in

chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, PLEKHM3 exists as three alternatively spliced isoforms that participate in metal ion binding. The gene that encodes PLEKHM3 maps to human chromosome 2q33.3. As the second largest human chromosome, chromosome 2 makes up approximately 8% of the human genome and contains 237 million bases encoding over 1,400 genes. Chromosome 2 contains a probable vestigial second centromere, as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.

**Similarity:**

Contains 2 PH domains.

Contains 1 phorbol-ester/DAG-type zinc finger.

**SWISS:**

Q6ZWE6

**Gene ID:**

389072

**Database links:**

[Entrez Gene: 389072](#)Human

[Entrez Gene: 241075](#)Mouse

[Entrez Gene: 316455](#)Rat

[SwissProt: Q6ZWE6](#)Human

[SwissProt: Q8BM47](#)Mouse

[Unigene: 159188](#)Human

[Unigene: 239534](#)Mouse

**Important Note:**

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