



## Rabbit Anti-PLEKHM2 antibody

SL8063R

<b>Product Name:</b>	PLEKHM2
<b>Chinese Name:</b>	血小板白细胞C激酶底物同源结构域M2抗体
<b>Alias:</b>	PH domain containing family M member 2; Pleckstrin homology domain containing family M (with RUN domain) member 2; Pleckstrin homology domain containing family M member 2; PLEKHM 2; RP11 169K16.1; Salmonella induced filaments A and kinesin interacting protein; SifA (Salmonella induced filaments A) and kinesin interacting protein; SifA and kinesin interacting protein; SKIP; KIAA0842; Novel RUN and PH domain containing protein; PKHM2 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Horse,
<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>	113kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PLEKHM2:688-750/1019
<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>	PLEKHM2, also known as SKIP, is a member of the M family of Pleckstrin homology domain-containing proteins. While little is known of PLEKHM2, a recent study

examining differential gene expression in human hematopoietic stem cells has shown it to be specifically expressed in stem cells, suggesting that PLEKHM2 may play a role in erythroid commitment and development. Other studies have shown that PLEKHM2 is required for interaction with the Salmonella virulence factor SifA for Salmonella pathogenesis, suggesting that PLEKHM2 has cellular roles other than in the developing embryo.

**Function:**

May play a role in the regulation of conventional kinesin activity. Required for maintenance of the Golgi apparatus organization. May play a role in membrane tubulation.

**Subunit:**

Interacts with KIF5B. Interacts with the S.typhimurium sifA protein; required for S.typhimurium infection.

**Subcellular Location:**

Cytoplasm.

**Similarity:**

Contains 1 PH domain.  
Contains 1 RUN domain.

**SWISS:**

Q8IWE5

**Gene ID:**

23207

**Database links:**

[Entrez Gene: 23207](#)Human

[Entrez Gene: 69582](#)Mouse

[Entrez Gene: 313667](#)Rat

[Omim: 609613](#)Human

[SwissProt: Q8IWE5](#)Human

[SwissProt: Q80TQ5](#)Mouse

**Important Note:**

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

