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

[Primary Antibody]

Rabbit Anti-FAM57B antibody

Catalog Number: SL16005R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FAM57B
Immunogen:	KLH conjugated synthetic peptide derived from human FAM57B: 21-120/559
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Pig, Cow, Horse, Sheep)
Predicted MW.:	31kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn's disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene. An association with systemic lupus erythematosis and a number of other autoimmune disorders with the pericentromeric region

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

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	of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier. The FAM57B gene product has been provisionally designated FAM57B pending further characterization. **Subcellular Location:** Membrane. **Similarity:** Contains 1 TLC (TRAM/LAG1/CLN8) domain. **Database links:** **Entrez Gene:** 83723 Human **Entrez Gene:** 785988 Cow **Entrez Gene:** 100066097 Horse **Entrez Gene:** 68952 Mouse **Entrez Gene:** 293493 Rat Omim: 615175 Human **SwissProt:** Q71RH2 Human **SwissProt:** Q7TNV1 Mouse **Unigene:** 558560 Human **Unigene:** 440393 Mouse **Unigene:** 128103 Rat

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