SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FAM86A antibody

Catalog Number: SL16019R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FAM86A
Immunogen:	KLH conjugated synthetic peptide derived from human FAM86A: 251-330/330/330
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:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	37kDa
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 of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier. FAM86A and FAM86B2 are 330 amino acid proteins that belongs to the

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	FAM86 family. The gene encoding FAM86A maps to human chromosome 16 whereas the gene encoding FAM86B2 maps to human chromosome 8. **Subunit:** Interacts with FAM86B2 and FAM86C1. **Subcellular Location:** Cytoplasm. **Similarity:** Belongs to the FAM86 family. **Database links:** **Entrez Gene:** 196483 Human **SwissProt:** Q96G04 Human

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