SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FAM55C antibody

Catalog Number: SL16004R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FAM55C
Immunogen:	KLH conjugated synthetic peptide derived from human FAM55C: 201-300/559
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:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=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:	Human, Rat, (predicted: Mouse, Dog, Pig, Cow, Rabbit, Sheep)
Predicted MW.:	60kDa
Subcellular Location:	Secretory protein
Background:	Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The FAM55C gene product has been provisionally designated FAM55C pending further characterization. **Subcellular Location:** Secreted.

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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	Similarity: Belongs to the FAM55 family. **Database links:** **Entrez Gene:** 91775 Human **SwissProt:** Q969Y0 Human **Unigene:** 595933 Human

[VALIDATION IMAGES]

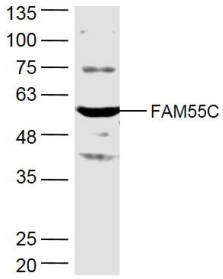


Figure 1. Sample: 293T(Human) Cell Lysate at 40 ug Primary: Anti-FAM55C (SL16004R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 60 kD

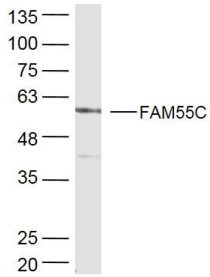


Figure 2. Sample: Hela(Human) Cell Lysate at 40 ug Primary: Anti-FAM55C (SL16004R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 60 kD

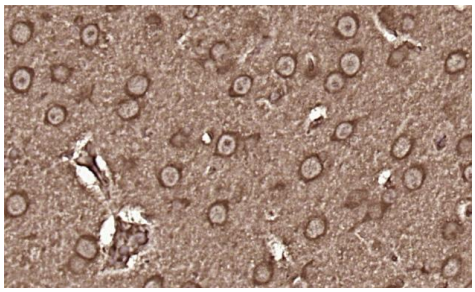


Figure 3. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM55C) Polyclonal Antibody, Unconjugated (SL16004R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

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