SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FAM212B antibody

Catalog Number: SL14888R

FOR RESEARCH USE ONLY

[DATASHEET]

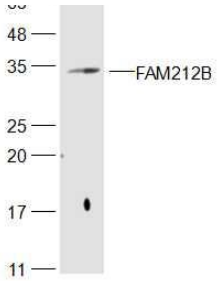
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FAM212B
Immunogen:	KLH conjugated synthetic peptide derived from human FAM212B: 201-297/297
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	32kDa
Subcellular Location:	cytoplasmic
Background:	Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in

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	chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The C1orf183 gene product has been provisionally designated C1orf183 pending further characterization. There are two isoforms of C1orf183 that are produced as a result of alternative splicing events. **Similarity:** Belongs to the FAM212 family. **Database links:** **Entrez Gene:** 55924 Human **Entrez Gene:** 310764 Rat GenBank: Rat **SwissProt:** Q9NTI7 Human **Unigene:** 193406 Human

[VALIDATION IMAGES]



Sample:
B16(Mouse) Cell Lysate at 30 ug
Primary: Anti-FAM212B (SL14888R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 32 kD
Observed band size: 32 kD

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