SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GIN1 antibody

Catalog Number: SL16245R

FOR RESEARCH USE ONLY

[DATASHEET]

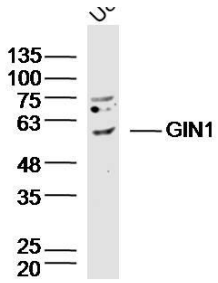
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GIN1
Immunogen:	KLH conjugated synthetic peptide derived from human GIN1: 441-522/522
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	60kDa
Subcellular Location:	The nucleus
Background:	GIN1 is a 522 amino acid protein containing one integrase catalytic domain. Widely expressed, GIN1 is also found in tumors originating from parathyroid gland, colon, stomach, bladder, uterus and prostate. Three isoforms of GIN1 are produced by alternative splicing events. The gene encoding GIN1 maps to human chromsome 5q21.1. Chromosome 5 contains 181 million base pairs and comprises nearly 6% of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome. Treacher Collins syndrome, Cockayne syndrome and familial adenomatous polyposis are also associated with chromosome 5. **Subcellular Location:** Contains 1 integrase catalytic domain. **Tissue Specificity:** Widely expressed. Also found in tumors originating from parathyroid gland, colon, stomach, bladder, uterus and prostate. **Database links:**

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

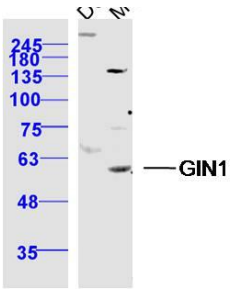
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	Entrez Gene: 54826 Human **Entrez Gene:** 252876 Mouse **SwissProt:** Q9NXP7 Human **SwissProt:** Q8K259 Mouse **Unigene:** 24088 Human **Unigene:** 86090 Mouse

[VALIDATION IMAGES]



Sample:U87mg Cell (Human) Lysate at 40 ug
Primary: Anti-GIN1(SL16245R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60kD
Observed band size: 60kD



Sample:
DU145 Cell (Human) Lysate at 40 ug
MCF-7 Cell (Human) Lysate at 40 ug
Primary: Anti- GIN1 (SL16245R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60 kD
Observed band size: 60 kD

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