

GIN1 Rabbit pAb

Catalog # AP96230

Product Information

Application	WB
Primary Accession	Q9NXP7
Other Accession	Q9NXP7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59842
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GIN1
Epitope Specificity	441-522/522
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Contains 1 integrase catalytic domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 chromosome 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.

Additional Information

Gene ID	54826
Other Names	GIN-1; TGIN1; ZH2C2; 4930429M06Rik; 8430411H10Rik; GIN1_HUMAN; GIN1; Ty3/Gypsy integrase 1; Zinc finger H2C2 domain-containing protein; GIN1_MOUSE; gypsy retrotransposon integrase 1; zinc finger, H2C2 domain containing; gypsy integrase 1
Target/Specificity	Widely expressed. Also found in tumors originating from parathyroid gland, colon, stomach, bladder, uterus and prostate.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GIN1
Synonyms	TGIN1, ZH2C2
Tissue Location	Widely expressed. Also found in tumors originating from parathyroid gland, colon, stomach, bladder, uterus and prostate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.