

GIOT1 Rabbit pAb

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Catalog # AP54489

Product Information

Application	WB
Primary Accession	Q8TAF7
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66214
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GIOT1/ZNF461
Epitope Specificity	191-240/563
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 Nucleus.

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

Background Descriptions ☐GIOT-1 is a 563 amino acid protein belonging to the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, GIOT-1 is widely expressed in tissues, with highest levels in liver, kidney, small intestine, pancreas and thymus. GIOT-1 contains 12 C2H2-type zinc fingers and one KRAB domain. Because the KRAB domain functions as a transcriptional repressor when attached to the template DNA, GIOT-1 is thought to be involved in transcriptional regulation. The gene encoding GIOT-1 is localized to chromosome 19q13.12 and two isoforms of GIOT-1 exist as a result of alternative splicing events.

Additional Information

Gene ID	92283
Other Names	Zinc finger protein 461, Gonadotropin-inducible ovary transcription repressor 1, GIOT-1, ZNF461, GIOT1
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.

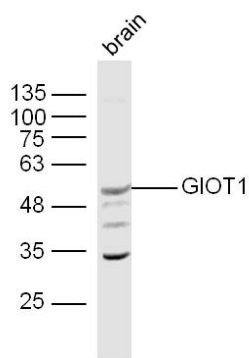
Protein Information

Name	ZNF461
Synonyms	GIOT1
Function	May be involved in transcriptional regulation.
Cellular Location	Nucleus.
Tissue Location	Widely expressed, with highest levels in liver, kidney, pancreas, thymus, and small intestine

Background

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Images



Sample:
Brain (Mouse) Lysate at 40 ug
Primary: Anti-GIOT1 (AP54489) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 66 kD
Observed band size: 52 kD

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