



Rabbit Anti-GIOT1 antibody

SL11406R

Product Name:	GIOT1
Chinese Name:	Zinc finger protein461抗体
Alias:	GIOT-1; GIOT 1; Gonadotropin inducible ovary transcription repressor 1; Gonadotropin inducible transcription repressor 1; Gonadotropin-inducible ovary transcription repressor 1; Zinc finger protein 461; ZN461_HUMAN; ZNF461.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	66kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GIOT1/ZNF461:191-240/563
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	?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.

Function:

May be involved in transcriptional regulation.

Subcellular Location:

Nucleus.

Tissue Specificity:

Widely expressed, with highest levels in liver, kidney, pancreas, thymus, and small intestine.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 12 C2H2-type zinc fingers.

Contains 1 KRAB domain.

SWISS:

Q8TAF7

Gene ID:

92283

Database links:

[Entrez Gene: 92283](#) Human

[Omim: 608640](#) Human

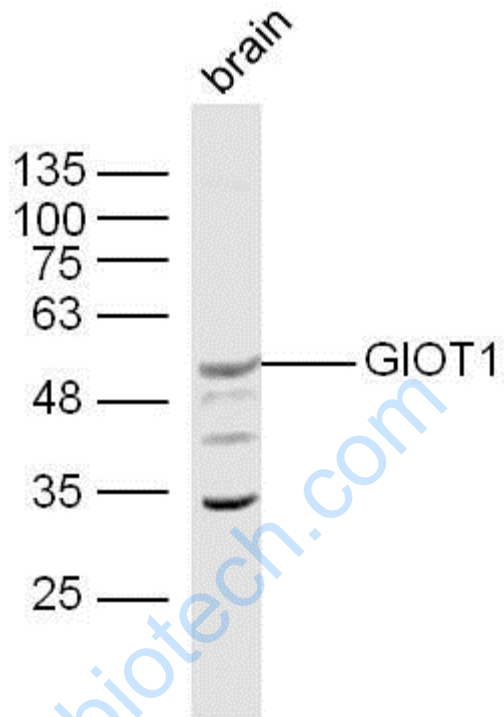
[SwissProt: Q8TAF7](#) Human

[Unigene: 590972](#) Human

Important Note:

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

Picture:



Sample:

Brain (Mouse) Lysate at 40 ug

Primary: Anti-GIOT1 (SL11406R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 66 kD

Observed band size: 52 kD