SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GIOT1 antibody

Catalog Number: SL11406R

FOR RESEARCH USE ONLY

[DATASHEET]

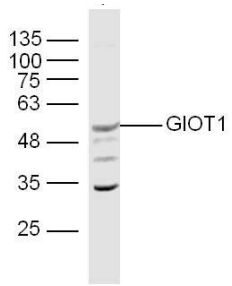
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GIOT1
Immunogen:	KLH conjugated synthetic peptide derived from human GIOT1/ZNF461: 191-240/563
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped 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:	Mouse, (predicted: Human)
Predicted MW.:	66kDa
Subcellular Location:	The nucleus
Background:	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 fincers 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.

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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	Contains 12 C2H2-type zinc fingers. Contains 1 KRAB domain. **Database links:** **Entrez Gene:** 92283 Human Omim: 608640 Human **SwissProt:** Q8TAF7 Human **Unigene:** 590972 Human

[VALIDATION IMAGES]



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

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