

Rabbit anti-Human GTD2A Polyclonal Antibody | anti-GTF2IRD2 antibody

GTD2A Antibody (C-term)

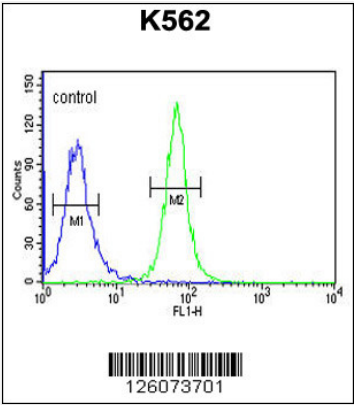
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289318	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

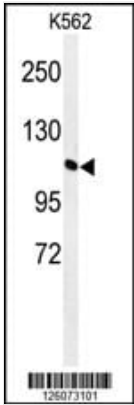
GTD2A; Polyclonal Antibody; GTD2A Antibody (C-term); General transcription factor II-I repeat domain-containing protein 2A; GTF2I repeat domain-containing protein 2A; Transcription factor GTF2IRD2-alpha; GTF2IRD2; GTF2IRD2A; anti-GTF2IRD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GTD2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 812-841 amino acids from the C-terminal region of human GTD2A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	812-841
Sequence Length	108
Applicable Applications for anti-GTF2IRD2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GTD2A Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GTD2A Antibody (C-term) in K562 cell line lysates (35ug/lane). GTD2A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2IRD2 antibody	GTD2A is unusual in that its coding sequence is mostly derived from Charlie8 repeat elements. However, there is mRNA and EST evidence to suggest that this gene is transcribed, and the encoded protein has a homolog in mouse, with which it shares 78% sequence identity. The exact function of this gene product is not known. It is inferred to be a transcription factor based on the presence of GTF2I-like repeats (containing helix-loop-helix motifs), also found in other proteins such as GTF2IRD1 and GTF2I. These three genes are clustered together on chr 7q11.23.
References	Hinsley, T.A., et al. Protein Sci. 13(10):2588-2599(2004) Makeyev, A.V., et al. Proc. Natl. Acad. Sci. U.S.A. 101(30):11052-11057(2004) Tipney, H.J., et al. Eur. J. Hum. Genet. 12(7):551-560(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	527122113
NCBI GeneID	84163
NCBI Accession #	NP_001268376.1; NP_775808.3
NCBI GenBank Nucleotide #	NM_001281447.1
UniProt Accession #	Q86UP8; Q69G40; Q6EKI8; Q6EKI9; Q6NVW2; Q6P7N8; Q86WX4; Q8ND85; Q8NDE5; A8K5W6; B3KUZ2
Molecular Weight	107231
NCBI Official Full Name	general transcription factor II-I repeat domain-containing protein 2A isoform 2
NCBI Official Synonym Full Names	GTF2I repeat domain containing 2
NCBI Official Symbol	GTF2IRD2
NCBI Official Synonym Symbols	FP630; GTF2IRD2A; GTF2IRD2 alpha
NCBI Protein Information	general transcription factor II-I repeat domain-containing protein 2A
UniProt Protein Name	General transcription factor II-I repeat domain-containing protein 2A
UniProt Gene Name	GTF2IRD2
UniProt Synonym Gene Names	GTF2IRD2A; GTF2I repeat domain-containing protein 2A
UniProt Entry Name	GTD2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/gtd2a-antibody-flow-cytometry-western-blot-elisa/289318>