

## GTF2IRD1 Antibody

Catalog No: #34106

Package Size: #34106-1 50ul #34106-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

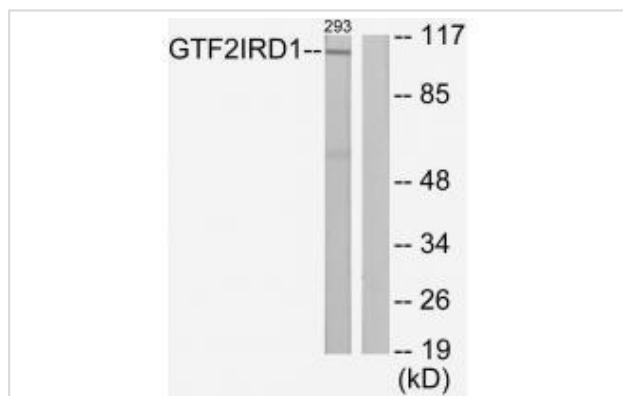
## Description

Product Name	GTF2IRD1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GTF2IRD1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human GTF2IRD1.
Target Name	GTF2IRD1
Other Names	CREAM1; G2D1; GT2D1; GTF2I repeat domain containing protein 1; GTF2IRD1
Accession No.	Swiss-Prot: Q9UHL9NCBI Gene ID: 9569
Uniprot	Q9UHL9
GeneID	9569;
SDS-PAGE MW	106kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from 293 cells, using GTF2IRD1 antibody #34106.

## Background

May be a transcription regulator involved in cell-cycle progression and skeletal muscle differentiation. May repress GTF2I transcriptional functions, by preventing its nuclear residency, or by inhibiting its transcriptional activation. May contribute to slow-twitch fiber type specificity during myogenesis and in regenerating muscles. Binds troponin I slow-muscle fiber enhancer (USE B1). Binds specifically and with high affinity to the EFG sequences derived from the early enhancer of HOXC8 By similarity.

Yan X., Biochem. J. 345:749-757(2000).

Hillier L.W., Nature 424:157-164(2003).

Tussie-Luna M.I., Proc. Natl. Acad. Sci. U.S.A. 98:7789-7794(2001).

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Note: This product is for in vitro research use only