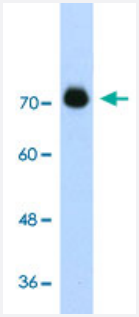
GTF2IRD1 polyclonal antibody

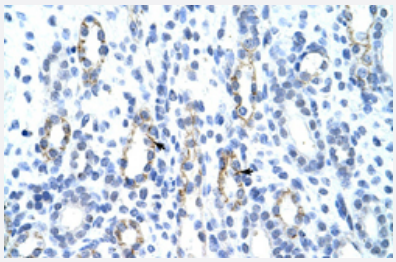
Catalog # PAB30122 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of transfected 293T cell lysate with GTF2IRD1 polyclonal antibody (Cat # PAB30122) at 2.5 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GTF2IRD1 polyclonal antibody (Cat # PAB30122) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human GTF2IRD1.
Immunogen	A synthetic peptide corresponding to C-terminus of human GTF2IRD1.
Sequence	VIINQLQPFAEICNDAKVPAKDSSIPKRKRKRVSEGNSVSSSSSSSSSS
Host	Rabbit
Theoretical MW (kDa)	106
Reactivity	Human
Form	Liquid

Purification	Protein A purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Western Blot (Transfected lysate)

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Gene Info — GTF2IRD1

Entrez GeneID	9569
GeneBank Accession#	NM_016328
Protein Accession#	NP_057412;Q9UHL9
Gene Name	GTF2IRD1
Gene Alias	BEN, CREAM1, GTF3, MUSTRD1, RBAP2, WBS, WBSCR11, WBSCR12, hMusTRD1alpha1
Gene Description	GTF2I repeat domain containing 1
Omim ID	194050 604318
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene contains five GTF2I-like repeats and each repeat possesses a potential helix-loop-helix (HLH) motif. It may have the ability to interact with other HLH-proteins and function as a transcription factor or as a positive transcriptional regulator under the control of Retin oblastoma protein. This gene is deleted in Williams-Beuren syndrome, a multisystem developmen tal disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing of this gene gen erates at least 2 transcript variants. [provided by RefSeq
Other Designations	GTF2I repeat domain-containing 1|Williams-Beuren syndrome chromosome region 11|binding fac tor for early enhancer|general transcription factor 3|muscle TFII-I repeat domain-containing protein 1 alpha 1

Pathway

- Basal transcription factors

Disease

- Celiac Disease
- Genetic Predisposition to Disease