

Goat anti-GTF2IRD1 Antibody

Item Number	dAP-0919
Target Molecule	Principle Name: GTF2IRD1; Official Symbol: GTF2IRD1; All Names and Symbols: GTF2IRD1; GTF2I repeat domain containing 1 ; HGNC:4661; CREAM1; GTF3; MUSTRD1; RBAP2; WBSCR11; WBSCR12; hMusTRD1alpha1 ; GTF2I repeat domain-containing 1; Williams-Beuren syndrome chromosome region 11; general transcription factor 3; muscle TFIi-I repeat ; Accession Number (s): NP_057412.1; NP_005676.2; Human Gene ID(s): 9569; Non-Human GenelD(s): 57080 (mouse) 246770 (rat)
Immunogen	NKFTKDTTKLEPAS, is from internal region This antibody is expected to recognise both reported isoforms (NP_057412.1 and NP_005676.2).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 30kDa and 40kDa in Human Heart lysate after 0.3 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated s
IHC	
Reference	Reference(s): Tassabehji M, Hammond P, Karmiloff-Smith A, Thompson P, Thorgeirsson SS, Durkin ME, Popescu NC, Hutton T, Metcalfe K, Rucka A, Stewart H, Read AP, Maconochie M. GTF2IRD1 in Craniofacial Development of Humans and Mice. <i>Science</i> . 2005 Nov 18;310(5751):1184-7. Epub 2005 Nov 3.. PMID: 16251533

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**