

Goat anti-POLR2G Antibody

Item Number	dAP-1865
Target Molecule	Principle Name: POLR2G; Official Symbol: POLR2G; All Names and Symbols: POLR2G; polymerase (RNA) II (DNA directed) polypeptide G; MGC138367; MGC138369; RPB7; hRPB19; hsRPB7; DNA directed RNA polymerase II 19 kda polypeptide; DNA directed RNA polymerase II polypeptide G; RNA polymerase II seventh subunit; Accession Number (s): NP_002687.1; Human Gene ID(s): 5436; Non-Human GeneID (s):
Immunogen	EFDPN SNP CYK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 1000.
Western Blot	Western Blot: Approx 21kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 19.3kDa according to NP_002687.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cojocaru M, Jeronimo C, Forget D, Bouchard A, Bergeron D, C��te P, Poirier GG, Greenblatt J, Coulombe B. Genomic location of the human RNA polymerase II general machinery: evidence for a role of TFIIF and Rpb7 at both early and late stages of transcription. The Biochemical journal 2008 Jan 409 (1):

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**