



# RPAC2 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05540
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	POLR1D
<b>Protein Name</b>	DNA-directed RNA polymerases I and III subunit RPAC2 (RNA polymerases I and III subunit AC2) (AC19) (DNA-directed RNA polymerase I subunit D) (RNA polymerase I 16 kDa subunit) (RPA16) (RPC16) (hRPA19)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	RPAC2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	14kD
<b>Cell Pathway</b>	nucleoplasm,DNA-directed RNA polymerase III complex,DNA-directed RNA polymerase I complex,cytosol,
<b>Tissue Specificity</b>	Cerebellum,Cervix,Colon,Eye,Kidney,Ovarian carcinoma,
<b>Function</b>	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common core component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively.,similarity:Belongs to the archaeal rpoL/eukaryotic RPB11/RPC19 RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) and RNA polymerase III (Pol III) complexes consisting of at least 13 and 17 subunits, respectively.,
<b>Background</b>	The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2011],



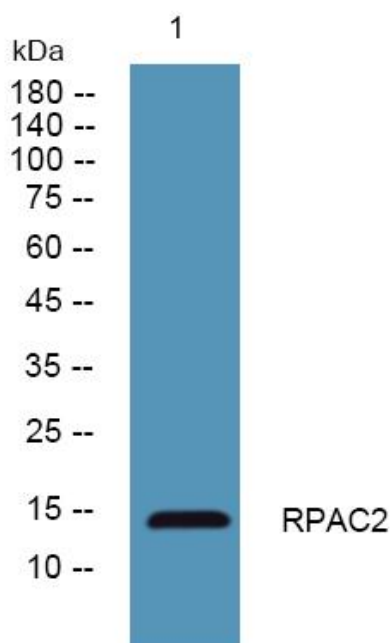
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night