

# Human Polyadenylate-binding protein 1-like (PABPC1L) ELISA Kit



Catalog No: #EK8684

Orders: order@signalwayantibody.com

Package Size: #EK8684-1 48T #EK8684-2 96T

Support: tech@signalwayantibody.com

## Description

Product Name	Human Polyadenylate-binding protein 1-like (PABPC1L) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP5-1069P2.6; C20orf119; FLJ11840; FLJ30809; FLJ42053; PABPC1L1; dJ1069P2.3; ePAB; OTTHUMP0000063224 poly(A)-binding protein; cytoplasmic 1-like
Accession No.	Q4VXU2
Uniprot	Q4VXU2
GeneID	80336;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.  The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

## Application Details

Detect Range:0.312-20 ng/mL

Sensitivity:0.115 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate PABPC1L in samples. An antibody specific for PABPC1L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyPABPC1L present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PABPC1L is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PABPC1L bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:PABPC1L belongs to the polyadenylate-binding protein type-1 family. Recent linkage studies and association analyses indicate the presence of at least one type 2 diabetes susceptibility gene in human chromosome region 20q12-q13.1. The map currently provides near-continuous coverage between SGC32867 and WI-17676 . EST database searches and genomic sequence alignments of ESTs, mRNAs, and UniGene clusters enabled the annotation of the sequence interval with experimentally confirmed and putative transcripts. The combination of the BAC transcript map, YAC-to-BAC scaffold, and reference Human Genome Project sequence provides a powerful integrated resource for future genomic analysis of this region.

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Note: This product is for in vitro research use only