

## Product datasheet for **TA330155**

### PC4 (SUB1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PC4 antibody: synthetic peptide directed towards the middle region of human PC4. Synthetic peptide located within the following region: NMFQIGKMRYSVRDFKGGKVLIDIREYWMDPEGEMKPGRKGISLNPEQWS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	14 kDa
Gene Name:	SUB1 homolog, transcriptional regulator
Database Link:	<a href="#">NP_006704</a> <a href="#">Entrez Gene 10923 Human</a> <a href="#">P53999</a>
Background:	PC4 (activated RNA polymerase II transcription cofactor 4) is a transcriptional coactivator, possessing the ability to suppress promoter-driven as well as nonspecific transcription via its DNA binding activity. The repressive activity of PC4 on promoter-driven transcription is alleviated by transcription factor TFIID. TFIID protects promoters from PC4-mediated repression by relieving the topological constraint imposed by PC4 through the ERCC3 helicase activity.
Synonyms:	p14; P15; PC4



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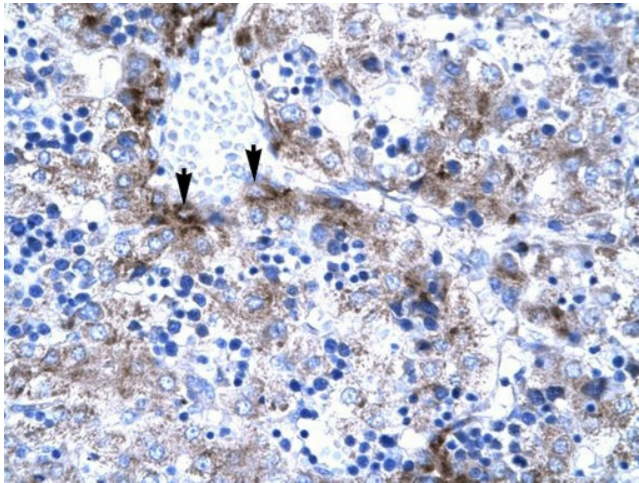
**Note:** Immunogen sequence homology: Bovine:100%; Human:100%; African clawed frog:100%; Western clawed frog:100%; Rat:100%; Chicken:100%; Sumatran orangutan:100%; Zebrafish:100%; Crab-eating macaque:100%; Mouse:100%; Dog:100%; salmon louse:100%; Northern pike:100

**Protein Families:** Transcription Factors

**Product images:**



WB Suggested Anti-PC4 Antibody Titration: 0.5-1.0ug/ml; Positive Control: HepG2 cell lysate  
There is BioGPS gene expression data showing that SUB1 is expressed in HepG2



Human Liver