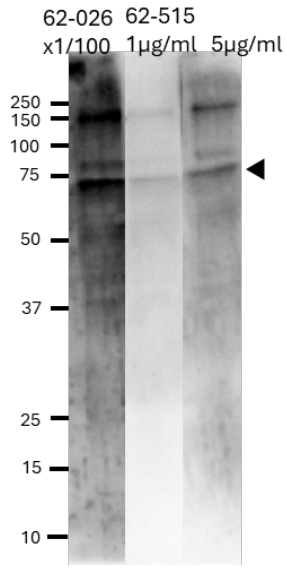
Anti-Tfa1 / TF II Ea (*S. cerevisiae*) antibody, rabbit polyclonal

Product code	62-515
Size	100 µg
Storage	-20℃
Concentration	1 mg/ml
Buffer	PBS- with 50 % glycerol
Purity	Purified IgG fraction with protein A from rabbit antiserum (62-026).
Immunogen	Recombinant His-tagged Tfa1 protein (1-482 aa) produced in *E. coli*
Isotype	Rabbit IgG
Reactivity	*S. cerevisiae* Tfa1 protein Not tested with other species.
Application	1. Western blotting (1/2000) Not tested for other applications
Background	Tfa1 recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIE are required for promoter clearance by RNA polymerase Tfa1 consists of 482 amino acids with molecular mass of 54,742 Da
Data Link	SGDS000001511 TFA1 / YKL028W UniProtKB P36100 (T2EA_YEAST)
Data Images	 **Fig.1 Detection of endogenous Tfa1 in whole cell extract of *S. cerevisiae* by Western blotting, using the anti-Tfa1 antibody.** Sample: BY4741 20µg 1st antibody 62-025 x1/1000 dilutions 62-515 1, 5 µg/ml The apparent molecular mass (~65 kDa) is larger than calculated mass of 55 kDa, which may be due to its highly acidic cluster at C-terminal 106 amino-acids (Asp/Glu rich).
Reference	This antibody was described and used in the following publication. 1. Takahashi H. et al. *Saccharomyces cerevisiae* Med9 comprises two functionally distinct domains that play different roles in transcriptional regulation. Genes Cells. 2009 Jan;14(1):53-67 PMID: 19077037 **WB**
Related Products	62-026 Anti-Tfa1 / TF II Ea (*S. cerevisiae*) antibody, rabbit serum

Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.

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