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Rabbit Anti-FCF1 antibody

SL16057R

Product Name:	FCF1
Chinese Name:	FCF1蛋白抗体
Alias:	Bka; C14orf111; CGI 35; Fcf1; FCF1 small subunit (SSU) processome component homolog (S. cerevisiae); FCF1_HUMAN; rRNA processing protein FCF1 homolog; rRNA-processing protein FCF1 homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	23kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FCF1:1-100/198
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Ribosomes are the organelles that catalyze protein synthesis. Ribosomes consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. FCF1 is a 198 amino acid protein involved in pre-rRNA processing and 40S ribosomal subunit assembly. The gene encoding FCF1 maps to human chromosome 14, which contains about 700

	genes and makes up about 3.5% of human cellular DNA. Chromosome 14 encodes the presinilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder α1-antitrypsin deficiency. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14;19) translocations found in a variety of B cell malignancies. **Function:** Essential protein involved in pre-rRNA processing and 40S ribosomal subunit assembly. **Subcellular Location:** Nucleus > nucleolus. **Similarity:** Belongs to the UTP23/FCF1 family. FCF1 subfamily. Contains 1 PINc domain. **SWISS:** Q9Y324 **Gene ID:** 51077 **Database links:** Entrez Gene: 51077 Human Entrez Gene: 100507758 Human SwissProt: Q9Y324 Human Unigene: 579828 Human Unigene: 711584 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.