

**FAU Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1600c****Specification**

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**FAU Antibody (Center) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">P35544</a>
Other Accession	<a href="#">P62864</a> , <a href="#">P62863</a> , <a href="#">P62862</a> , <a href="#">P62861</a> , <a href="#">P62860</a> , <a href="#">P62866</a> , <a href="#">NP_001988</a>
Reactivity	Human
Predicted	Bovine, Hamster, Mouse, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	60-93

**FAU Antibody (Center) - Additional Information****Other Names**

Ubiquitin-like protein FUBI, FAU

**Target/Specificity**

This FAU antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-93 amino acids from the center region of human FUBI.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

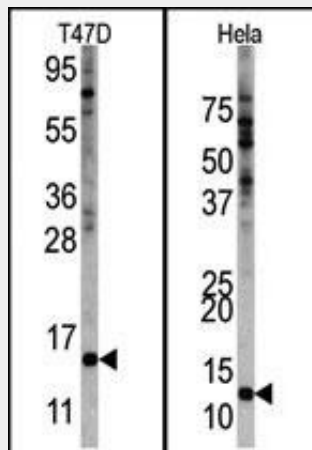
FAU Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAU Antibody (Center) - Protein Information****FAU Antibody (Center) - Protocols**

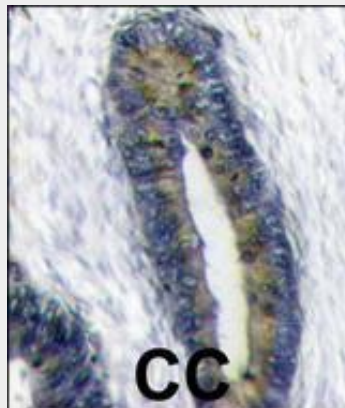
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### FAU Antibody (Center) - Images



Western blot analysis of anti-FUBI Center Pab (AP1600c) in HeLa and T47D cell line lysates. FUBI Center (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human colon carcinoma reacted with FUBI Antibody (Center) (Cat.#AP1600c), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### FAU Antibody (Center) - Background

This gene is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal

proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin.

#### **FAU Antibody (Center) - References**

Rossman, T.G., et al., *Oncogene* 22(12):1817-1821 (2003).  
Kenmochi, N., et al., *Genome Res.* 8(5):509-523 (1998).  
Vladimirov, S.N., et al., *Eur. J. Biochem.* 239(1):144-149 (1996).  
Kas, K., et al., *Genomics* 17(2):387-392 (1993).  
Michiels, L., et al., *Oncogene* 8(9):2537-2546 (1993).