

## FAU Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1600c

### Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">P35544</a>
<b>Other Accession</b>	<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>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine, Hamster, Mouse, Pig, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB11827
<b>Antigen Region</b>	60-93

### Additional Information

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<b>Other Names</b>	Ubiquitin-like protein FUBI, FAU
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	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.
<b>Precautions</b>	FAU Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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#### Background

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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.

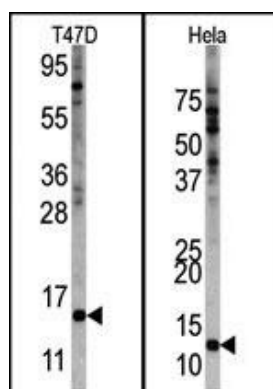
## References

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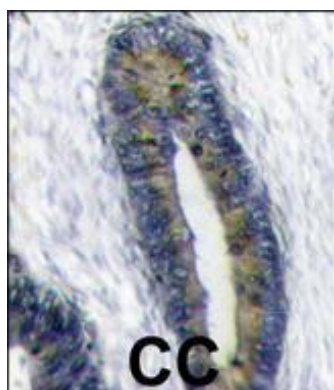
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Kenmochi, N., et al., *Genome Res.* 8(5):509-523 (1998).  
Vladimirov, S.N., et al., *Eur. J. Biochem.* 239(1):144-149 (1996).  
Kas, K., et al., *Genomics* 17(2):387-392 (1993).  
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## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.