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FAU Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1600d

Specification

FAU Antibody - Product Information

Application	**WB, FC,E**
Primary Accession	P35544
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

FAU Antibody - Additional Information

Other Names
Ubiquitin-like protein FUBI, FAU

Target/Specificity
This FAU antibody is generated from rabbits immunized with human FAU recombinant protein.

Dilution
WB~~1:1000
FC~~1:10~50
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 is for research use only and not for use in diagnostic or therapeutic procedures.

FAU Antibody - Protein Information

FAU Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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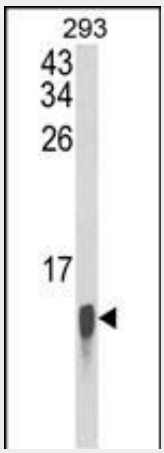
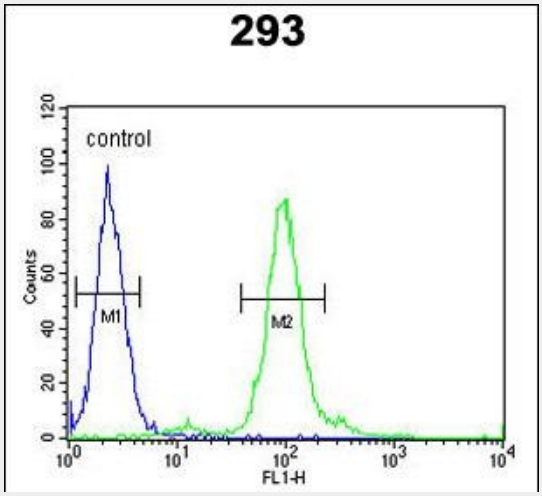
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FAU Antibody - Images



Western blot analysis of FAU Antibody (Cat. #AP1600d) in 293 cell line lysates (35ug/lane). FAU (arrow) was detected using the purified Pab.



FAU Antibody (Cat. #AP1600d) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

FAU Antibody - Background

FUBI is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It is 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.

FAU Antibody - 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).