

Rabbit FAU Polyclonal Antibody | anti-FAU antibody

FAU Antibody (C-term)

CATALOG # AAA287259	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Hamster, Mouse, Pig, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

FAU; Polyclonal Antibody; FAU Antibody (C-term); 40S ribosomal protein S30; anti-FAU antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Hamster, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FAU antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-59 amino acids from the C-terminal region of human FAU.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	29-59
Sequence Length	59
Applicable Applications for anti-FAU antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)

Formalin-fixed and paraffin-embedded human colon carcinoma reacted with FUBI Antibody (C-term) , 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.



WB (Western Blot)

Western blot analysis of anti-hFUBI C-term Pab in 293 cell line lysates transiently transfected with the FAU gene (2ug/lane). FUBI (arrow) was detected using the purified Pab.



WB (Western Blot)

Western blot analysis of anti-FUBI C-term Pab in Hela and T47D cell line lysates. FUBI (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503659
NCBI GeneID	2197
NCBI Accession #	NP_001988.1
NCBI GenBank Nucleotide #	NM_001997.4
UniProt Accession #	P62861; Q05472; Q95261; Q9H5V4; P35544
Molecular Weight	6648
NCBI Official Full Name	ubiquitin-like protein fubi and ribosomal protein S30
NCBI Official Synonym Full Names	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed
NCBI Official Symbol	FAU
NCBI Official Synonym Symbols	S30; FAU1; Fub1; Fubi; asr1; RPS30; MNSFbeta
NCBI Protein Information	ubiquitin-like protein fubi and ribosomal protein S30
UniProt Protein Name	40S ribosomal protein S30
UniProt Gene Name	FAU
UniProt Entry Name	RS30_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.