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Zuschläge

- Mindermengenzuschlag
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Product Number	ARP54604_P050-FITC
Product Page	www.avivasysbio.com/fau-antibody-middle-region-fitc-arp54604-p050-fitc.html
Name	FAU Antibody - middle region : FITC (ARP54604_P050-FITC)
Protein Size (# AA)	133 amino acids
Molecular Weight	14kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2197
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed
Alias Symbols	S30, FAU1, Fub1, Fubi, asr1, RPS30, MNSFbeta
Peptide Sequence	Synthetic peptide located within the following region: VRGQTPKVAKQEKKKKKTGRAKRRMQYNRRFVNVPVTFGKKKGPANNS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Yu, Y., (2005) Protein Sci. 14 (6), 1438-1446
Description of Target	FAU 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	TP53; UBC; RPS17; rev; WIBG; PNO1; TSR1; PA2G4; RPSA; HDLBP; BYSL; RPS27L; G3BP1; DYNLL1; SPTAN1; RPS29; RPS28; RPS27; RPS26; RPS25; RPS24; RPS23; RPS20; RPS19; RPS18; RPS16; RPS15A; RPS13; RPS9; RPS7; RPS6; RPS4X; RPS3; RPL18; PTBP1; ICAM1; CD81; IGSF8;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-FAU (ARP54604_P050-FITC) antibody
Blocking Peptide	For anti-FAU (ARP54604_P050-FITC) antibody is Catalog # AAP54604 (Previous Catalog # AAPP31388)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FAU
Uniprot ID	P62861
Protein Name	40S ribosomal protein S30
Sample Type Confirmation	FAU is supported by BioGPS gene expression data to be expressed in 721_B, Jurkat, MCF7
Protein Accession #	NP_001988

Purification	Affinity Purified
Nucleotide Accession #	NM_001997
Gene Symbol	FAU
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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