



Rabbit Anti-FAU antibody

SL13148R

Product Name:	FAU
Chinese Name:	Ubiquitin样核糖体蛋白S30/MNSF-β抗体
Alias:	40S ribosomal protein S30; asr1; FAU; FAU encoded ubiquitin like protein; FAU1; FBR MuSV associated ubiquitously expressed; Finkel Biskis Reilly murine sarcoma virus (FBR MuSV) ubiquitously expressed (fox derived); Finkel Biskis Reilly murine sarcoma virus (FBR MuSV) ubiquitously expressed; Finkel Biskis Reilly murine sarcoma virus ubiquitously expressed; FLJ22986; Fub1; Fubi; MNSFbeta; Monoclonal nonspecific suppressor factor beta; Ribosomal protein S30; RPS30; S30; UBIM_HUMAN; Ubiquitin like protein fubi and ribosomal protein S30; Ubiquitin like protein fubi; Ubiquitin like S30 fusion protein; Ubiquitin-like protein FUBI.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	8kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FAU/MNSF-beta:11-74/74
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Product Detail:

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. The first step requires the ATP-dependent activation of the Ub C-terminus and the assembly of multi-Ub chains by the Ub-activating enzyme known as the E1 component. The Ub chain is then conjugated to the Ub-conjugating enzyme (E2) to generate an intermediate Ub-E2 complex. The Ub-ligase (E3) then catalyzes the transfer of Ub from E2 to the appropriate protein substrate. A wide range of enzymes facilitate in the proteolytic Ub pathway, including monoclonal nonspecific suppressor factor-beta (MNSF-beta), a subunit of MNSF, which is a lymphokine product of a murine T cell hybrid-oma that restricts the production of LPS-induced immunoglobulin secreting cells in an antigen-nonspecific manner. MNSF-beta is a ubiquitin-like fusion protein consisting of the ribosomal protein S30 and a protein that shares 36% sequence identity with ubiquitin. This ubiquitin-like segment (Ubi-L) can be cleaved from MNSF-beta in the cytosol.

Similarity:

Belongs to the ubiquitin family.

SWISS:

P35544

Gene ID:

2197

Database links:

[Entrez Gene: 2197](#)Human

[Omim: 134690](#)Human

[SwissProt: P35544](#)Human

[SwissProt: P62861](#)Human

[Unigene: 387208](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.