



Rabbit Anti-FBXL21 antibody

SL8476R

Product Name:	FBXL21
Chinese Name:	FBXL21蛋白抗体
Alias:	F box and leucine rich repeat protein 21; F box and leucine rich repeat protein 3 pseudogene; F box and leucine rich repeat protein 3B; F box protein Fbl3b; F box/LRR repeat protein 21; F box/LRR repeat protein 3B; Fbl 21; FBXL 21; FBXL-21; FBL 3; FBL 3B; Fbl21; FBL3; FBL-3B; FBL 3B; FBL3B; FBXL 21; FBXL 3B; FBXL 3P; FBXL3B; FBXL3P; MGC120237; FXL21_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FBXL21/FBL3B:121-220/300
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:	FBL3B is a 434 amino acid protein encoded by the human gene FBXL21. FBL3B contains one 40 amino acid F-box region, making it a member of the F-box family. FBL3B also contains three LRR (leucine-rich) repeats. F-box proteins are critical

components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. F-box proteins are members of a large family that regulates cell cycle, immune response, signaling cascades and developmental programs by targeting proteins, such as cyclins, cyclin-dependent kinase inhibitors, I κ B- α and b-catenin, for degradation by the proteasome after ubiquitination. FBL3B is a substrate-recognition component of the SCF complex that interacts with Skp1 p19 and CUL-1. FBL3B is also associated with expression and regulation of circadian and cryptochrome proteins.

Function:

Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex involved in circadian pacemaker function. The SCF(FBXL21) complex acts by mediating ubiquitination and subsequent degradation of CRY1. Probable clock-controlled protein that plays a specific role in suprachiasmatic nucleus, SCN and pacemaker function.

Subunit:

Interacts with CRY1. Part of a SCF (SKP1-cullin-F-box) protein ligase complex. Interacts with SKP1 and CUL1.

Similarity:

Contains 1 F-box domain.
Contains 7 LRR (leucine-rich) repeats.

SWISS:

Q9UKT6

Gene ID:

26223

Database links:

[Entrez Gene: 26223](#)Human

[Omir: 609087](#)Human

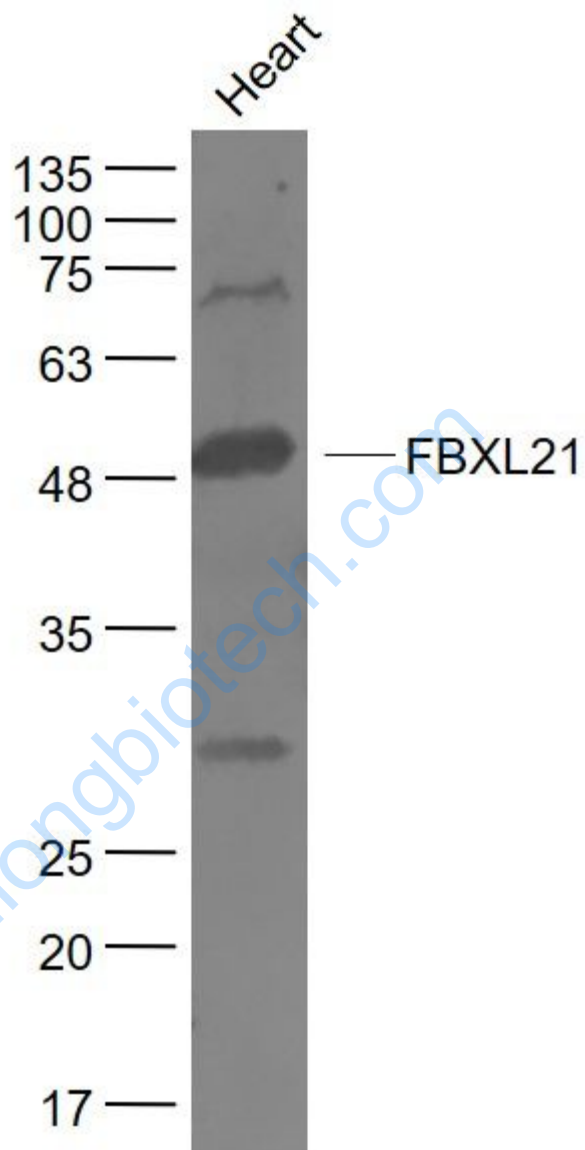
[SwissProt: Q9UKT6](#)Human

[Unigene: 591275](#)Human

Important Note:

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

Picture:



Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti- FBXL21 (SL8476R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

	Observed band size: 49 kD
--	---------------------------

www.sunlongbiotech.com