

Rabbit Anti-FbxL12/Biotin Conjugated antibody

SL8466R-Bio

Product Name	Anti-FbxL12/Biotin
Chinese Name	生物素标记的 FBXL12 蛋白抗体
Alias	F box and leucine rich repeat protein 12; F box protein FBL12; F box/LRR repeat protein 12; FBXL 12; FLJ20188; FXL12_HUMAN.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	37kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human FbxL12
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: 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. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular processes (including the cell cycle, immune responses, signaling

cascades and developmental events) through the targeting of proteins, such as cyclins, cyclin-dependent kinase inhibitors, I[°]B- α and β -catenin, for proteasomal degradation. FBL12 (F-box and leucine-rich repeat protein 12), also designated FBXL12, is a 326 amino acid protein that contains one F-box domain, five LRR (leucine-rich) repeats and exists as two alternatively spliced isoforms. FBL12 interacts with both Skp1 and CUL-1, and is encoded by a gene that maps to human chromosome 19p13.2.

Function:

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex (By similarity).

Subunit:

Interacts with SKP1 and CUL1 (By similarity).

Similarity:

Contains 1 F-box domain.

Contains 8 LRR (leucine-rich) repeats.

Database links:

UniProtKB/Swiss-Prot: Q9NXX8.1

Important Note:

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