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[Primary Antibody]

Rabbit Anti-FbxL7 antibody

Catalog Number: SL16043R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FbxL7
Immunogen:	KLH conjugated synthetic peptide derived from human FbxL7: 1-100/491
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	55kDa
Subcellular Location:	cytoplasmic
Background:	This gene encodes a member of the F-box protein family which is characterized by a 42-48 amino acid motif, the F-box, which binds to the S-phase kinase-associated protein 1 (Skp1) protein. The F-box proteins constitute one of the four subunits of E3 ubiquitin protein ligases called SCFs (SKP1-Cul1-F-box), which play a role in phosphorylation-dependent ubiquitination of proteins. The F-box proteins are divided into 3 subfamilies based on the other domain in the protein: F-box proteins that also have a WD-40 domain (Fbws subfamily), F-box proteins that also have leucine-rich repeats (Fbls subfamily) and F-box proteins that contain other motifs or lack known protein-interaction domains (Fbxs subfamily). The protein encoded by this gene belongs to the Fbls subfamily. Alternative splicing results in multiple transcript variants of

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	this gene. [provided by RefSeq, May 2013] **Function:** Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation. **Similarity:** Contains 1 F-box domain. Contains 11 LRR (leucine-rich) repeats. **Database links:** **Entrez Gene:** 23194 Human **Entrez Gene:** 448987 Mouse Omim: 605656 Human **SwissProt:** Q9UJT9 Human **SwissProt:** Q5BJ29 Mouse **Unigene:** 433057 Human **Unigene:** 76798 Human **Unigene:** 253378 Mouse

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