SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FBXO16 antibody

Catalog Number: SL16046R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FBXO16
Immunogen:	KLH conjugated synthetic peptide derived from human FBXO16: 1-100/292
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, Dog, Pig, Cow, Rabbit, Sheep)
Predicted MW.:	35kDa
Subcellular Location:	The nucleus
Background:	This gene encodes a member of the F-box protein family, members of which are characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into three classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbx class. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012] **Function:** FBXO16 is a member of the F-box protein family, members of

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	which are characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. FBXO16 probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation. It is expressed in heart, spleen and colon. **Subunit:** Part of a SCF (SKP1-cullin-F-box) protein ligase complex (By similarity). **Tissue Specificity:** Expressed in heart, spleen and colon. **Similarity:** Contains 1 F-box domain. **Database links:** **Entrez Gene:** 157574 Human **Entrez Gene:** 50759 Mouse **Entrez Gene:** 305970 Rat Omim: 608519 Human **SwissProt:** Q8IX29 Human **SwissProt:** Q9QZM9 Mouse

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