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[Primary Antibody]

Rabbit Anti-FBXO8 antibody

Catalog Number: SL16053R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FBXO8
Immunogen:	KLH conjugated synthetic peptide derived from human FBXO8: 221-319/319
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, Dog, Pig, Cow, Horse, Rabbit, Zebrafish, Sheep)
Predicted MW.:	37kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 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 Fbxs class. It contains a C-terminal amino acid sequence that bears a significant similarity with a portion

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	of yeast Sec7p, a critical regulator of vesicular protein transport. This human protein may interact with ADP-ribosylation factor(s)(ARFs) and exhibit ARF-GEF (guanine nucleotide exchange factor) activity. [provided by RefSeq, Jul 2008] **Function:** May promote guanine-nucleotide exchange on an ARF. Promotes the activation of ARF through replacement of GDP with GTP. **Similarity:** Contains 1 F-box domain. Contains 1 SEC7 domain. **Database links:** **Entrez Gene:** 26269 Human **Entrez Gene:** 50753 Mouse **Entrez Gene:** 306436 Rat Omim: 605649 Human **SwissProt:** Q5E9G6 Cow **SwissProt:** Q9NRD0 Human **SwissProt:** Q9QZN3 Mouse **Unigene:** 76917 Human **Unigene:** 251174 Mouse **Unigene:** 91689 Rat

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