SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DCAF6 antibody

Catalog Number: SL6210R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DCAF6
Immunogen:	KLH conjugated synthetic peptide derived from human NRIP: 245-350/860
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 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, Horse, Rabbit)
Predicted MW.:	96kDa
Subcellular Location:	The nucleus
Background:	WD-repeat proteins are a large family of eukaryotic proteins coordinating multi-protein complex assemblies. Their role has been implicated in multiple cellular processes including signal transduction, transcriptional regulation, cell cycle control and apoptosis. NRIP is a novel 860a.a nuclear protein consisting of seven conserved WD40 domains and one NLS motif. It binds to androgen and glucocorticoid receptors and up-regulates their transcriptional activity, thereby functioning as a nuclear receptor co-activator. Role of NRIP has been implicated in cell growth and also in cervical and prostrate cancer, thus indicating a potential therapeutic intervention. Northern Blot analysis detects a high expression of NRIP in skeletal muscle and testis and low expression in heart, prostrate and adrenal gland. **Function:** Ligand-dependent coactivator of nuclear receptors. Enhance

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	transcriptional activity of the nuclear receptors NR3C1 and AR. May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. **Subunit:** Interacts with the nuclear receptors NR3C1 and AR in the presence of ligand. Interacts with DDB1, CUL4A and CUL4B. **Subcellular Location:** Nucleus. **Tissue Specificity:** Highly expressed in skeletal muscle and testis. Expressed to a lesser degree in heart, prostate, and adrenal gland. **Similarity:** Contains 1 IQ domain. Contains 7 WD repeats. **Database links:** **Entrez Gene:** 55827 Human **Entrez Gene:** 74106 Mouse **Entrez Gene:** 289181 Rat Omim: 610494 Human **SwissProt:** Q58WW2 Human **SwissProt:** Q9DC22 Mouse **Unigene:** 435741 Human **Unigene:** 227605 Mouse

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