



## Rabbit Anti-NRIP antibody

SL6210R

<b>Product Name:</b>	NRIP
<b>Chinese Name:</b>	雄激素受体复合物相关蛋白/核受体相互作用蛋白抗体
<b>Alias:</b>	Androgen receptor complex associated protein; ARCAP; IQ motif and WD repeats 1; IQWD1v MSTP055; Nuclear receptor interaction protein; RP4 745114.1; DCAF6 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	96kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NRIP:245-350/860
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 prostate 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, prostate and adrenal gland.

**Function:**

Ligand-dependent coactivator of nuclear receptors. Enhance 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.

**SWISS:**

Q58WW2

**Gene ID:**

55827

**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

	<p><b>Important Note:</b></p>
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This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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