

# NRIP Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58394

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q58WW2</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	96292
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human NRIP
<b>Epitope Specificity</b>	245-350/860
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Nucleus.
<b>SIMILARITY</b>	Contains 1 IQ domain. Contains 7 WD repeats.
<b>SUBUNIT</b>	Interacts with the nuclear receptors NR3C1 and AR in the presence of ligand. Interacts with DDB1, CUL4A and CUL4B.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</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 860aa 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.

## Additional Information

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<b>Gene ID</b>	55827
<b>Other Names</b>	DDB1- and CUL4-associated factor 6, Androgen receptor complex-associated protein, ARCAP, IQ motif and WD repeat-containing protein 1, Nuclear receptor interaction protein, NRIP, DCAF6, IQWD1
<b>Target/Specificity</b>	Highly expressed in skeletal muscle and testis. Expressed to a lesser degree in heart, prostate, and adrenal gland.

<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

## Protein Information

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<b>Name</b>	DCAF6
<b>Synonyms</b>	IQWD1
<b>Function</b>	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.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Highly expressed in skeletal muscle and testis. Expressed to a lesser degree in heart, prostate, and adrenal gland

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.