

NRIP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58394**Specification**

NRIP Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q58WW2
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NRIP
Epitope Specificity	245-350/860
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Contains 1 IQ domain. Contains 7 WD repeats.
SUBUNIT	Interacts with the nuclear receptors NR3C1 and AR in the presence of ligand. Interacts with DDB1, CUL4A and CUL4B.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

NRIP Polyclonal Antibody - Additional Information**Gene ID** 55827**Other Names**

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

Target/Specificity

Highly expressed in skeletal muscle and testis. Expressed to a lesser degree in heart, prostate, and adrenal gland.

Dilution

IHC-P~N/A
IHC-F~N/A
IF~1:50~200
E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

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.

NRIP Polyclonal Antibody - Protein Information

Name DCAF6

Synonyms IQWD1

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.

Cellular Location

Nucleus.

Tissue Location

Highly expressed in skeletal muscle and testis. Expressed to a lesser degree in heart, prostate, and adrenal gland

NRIP Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NRIP Polyclonal Antibody - Images