

Rabbit Anti-NRIP/AP Conjugated antibody

SL6210R-AP

Product Name	Anti-NRIP/AP
Chinese Name	碱性磷酸酶 (AP) 标记的雄激素受体复合物相关蛋白/核受体相互作用蛋白抗体
Alias	Androgen receptor complex associated protein; ARCAP; IQ motif and WD repeats 1; IQWD1v MSTP055; Nuclear receptor interaction protein; RP4 745I14.1; DCAF6_HUMAN.
Research Area	Tumour Cardiovascular Chromatin and nuclear signals Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	96kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human NRIP
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	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 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.

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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Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.