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DCAF6 Rabbit pAb

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Catalog # AP58394

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q58WW2
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96292
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.
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 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.

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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

Background

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