

Anti-NRIP(nuclear receptor interaction protein) Polyclonal Antibody

Cat. #: 60B229

Description:

The human nuclear receptor interaction protein (NRIP) is a WD40 repeat domain containing protein. NRIP interacts with either androgen or glucocorticoid receptors. NRIP is a ligand-dependent coactivator of steroid receptors (androgen and glucocorticoid). NRIP may play a role in enhancing the transcriptional activity of nuclear receptors and may be a critical target for developing therapeutic agents against nuclear receptor-mediated progression of prostate and cervical cancers.

NRIP contains two WD40 domains, WD40 domain is found in a number of eukaryotic proteins that cover a wide variety of functions including adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly. It typically contains a GH dipeptide 11-24 residues from its N-terminus and the WD dipeptide at its C-terminus and is 40 residues long, hence the name WD40; between GH and WD lies a conserved core. WD40 serves as a stable propeller-like platform to which proteins can bind either stably or reversibly. WD40 forms a propeller-like structure with several blades where each blade is composed of a four-stranded anti-parallel β -sheet.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human NRIP(nuclear receptor interaction protein)

References

Oh,J.H., et al, Mamm. Genome 16 (12), 942-954 (2005)
Tsai,T.C., et al, J. Biol. Chem. 280 (20), 20000-20009 (2005)
Tureci,O., et al, Oncogene 21 (24), 3879-3888 (2002)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 μ g/ml for 2hrs)