RIP140 Rabbit pAb

CatalogNo: YT7831

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,ELISA,IHC

MW
- 127kD (Calculated)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-300
ELISA 1:2000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human RIP140
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat RIP140

Target Information

Gene name	NRIP1

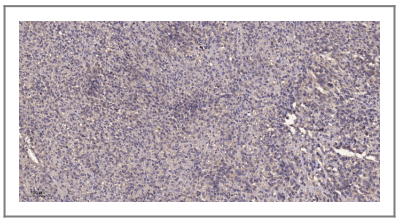
Protein Name Nuclear receptor-interacting protein 1

Organism	Gene ID	UniProt ID
Human	8204;	P48552;
Mouse	268903;	Q8CBD1;

Cellular Localization Nucleus . Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand-bound NR3C1.

Function Disease:Genetic variation in NRIP1 may act as predisposing factor for endometriosis.,Domain:Contains 9 Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs, which have different affinities for nuclear receptors. The C-terminal LTKTNPILYYMLQK motif is required for ligand-dependent interaction with RAAR and RXRB homo- and heterodimers, for the corepressor activity, and for the formation of an HDAC3 complex with RARA/RXRB (By similarity). Contains at least four autonomous repression domains (RD1-4). RD1 functions via a histone deacetylase (HDAC)-independent mechanism, whereas RD2, RD3 and RD4 can function by HDAC-dependent or independent mechanisms, depending on cell type. RD2 is dependent on CTBP binding.,Function:Modulates transcriptional activation by steroid receptors such as NR3C1, NR3C2 and ESR1. Also modulates transcriptional repression by nuclear hormone receptors.,PTM:Acetylation regulates its nuclear translocation and corepressive activity (By similarity). Acetylation abolishes interaction with CTBP1. Phosphorylation enhances interaction with YWHAH.,subcellular location:Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand-bound NR3C1.,subunit:Interacts with the ligand binding domain (LBD) of NR2C1 in the absence of ligand. Interacts with RARA and RXRB homodimers and RARA/RXRB heterodimers in the presence of ligand. Interacts with HDAC1 and HDAC3 via its N-terminal domain (By similarity). Interacts with CTBP1, CTBP2, ESR1, HDAC1, HDAC2, HDAC5, HDAC6, NR3C1, NR3C2, YWHAH, JUN and FOS. Found in a complex with both NR3C1 and YWHAH.,

Validation Data



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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