

RIP140 (Acetyl Lys158) Rabbit pAb

CatalogNo: YK0069 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 127kD (Calculated)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized acetyl-peptide derived from human RIP140 around the acetylation site of K158.

Specificity Acetyl-RIP140 (K158) Polyclonal Antibody detects endogenous levels of RIP140 around the acetylation site of K158 protein. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): SLKEQ

Target Information

Gene name NRIP1

Protein Name Nuclear receptor-interacting protein 1

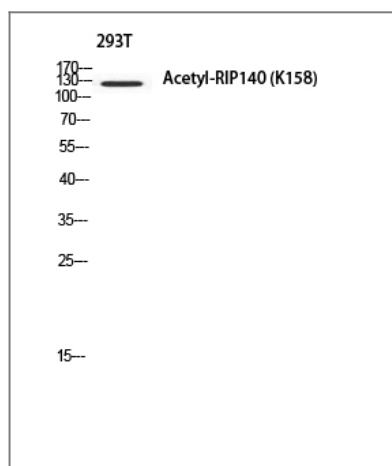
Organism	Gene ID	UniProt ID
Human	8204 ;	P48552 ;
Mouse	268903 ;	Q8CBD1 ;

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

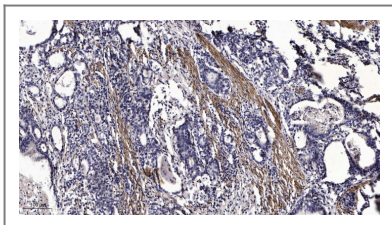
Tissue specificity Brain ,Epithelium ,Mammary gland ,Skin ,

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/RXR (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/RXR 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



Western blot analysis of 293T using Acetyl-RIP140 (K158) antibody. Antibody was diluted at 1:500. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

| Contact information

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RIP140 (Acetyl Lys158) Rabbit pAb

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