

Anti-p-RAX/PACT [HL1921]

Catalogue number: 158410

Sub-type: Primary antibody

Images:

Contributor

Inventor: Richard Bennett

Institute: University of Florida Research Foundation

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-p-RAX/PACT [HL1921]

Alternate name: RAX/PACT; PRKRA

Class: Monoclonal

Conjugate: Unconjugated

Description: Rax (mouse protein) and PACT (human ortholog) are the only known activators of PKR (double-stranded RNA dependent kinase). Rax and PACT share 98% amino acid sequence homology and contain three conserved dsRNA binding motifs. Phosphorylation of Serine 18 of RAX is required for PKR activation, which is known to be involved in the host anti-viral response, and can act as a signaling mediator by cytokines, growth factors and even tumor suppressors.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human ; Rat ; Mouse

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide corresponding to amino acids 13-25, including phosphorylated Serine 18, of mouse PACT protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Phosphorylated interferon-inducible double stranded RNA-dependent protein kinase/Protein activator of the interferon-induced protein kinase (RAX/PACT)

Target alternate names:

Target background: Rax (mouse protein) and PACT (human ortholog) are the only known activators of PKR (double-stranded RNA dependent kinase). Rax and PACT share 98% amino acid sequence homology and contain three conserved dsRNA binding motifs. Phosphorylation of Serine 18 of RAX is required for PKR activation, which is known to be involved in the host anti-viral response, and can act as a signaling mediator by cytokines, growth factors and even tumor suppressors.

Molecular weight:

Ic50:

Applications

Application: ELISA ; WB ; IHC

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Mankodi et al. 2003. Ann Neurol. 54(6):760-8. PMID: 14681885.

CancerTools.org