

**PARP11 polyclonal antibody**

Catalog: BS33216

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Protein mono-ADP-ribosyltransferase PARP11: Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. Plays a role in nuclear envelope stability and nuclear remodeling during spermiogenesis (By similarity). Inhibits the type I interferon activated signaling pathway. Mechanistically, mono-ADP-ribosylates beta-TrCP/BTRC to promote IFNAR1 ubiquitination and protect BTRC from ubiquitin-proteasome degradation. Additionally, acts as an antiviral factor by cooperating with PARP12 to suppress Zika virus replication, independent of IFNAR1 regulation or intrinsic PARP enzymatic activity. Instead, facilitates the degradation of viral NS1 and NS3 proteins, potentially disrupting viral replication.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~39.6 kDa

Swiss-Prot:

Q9NR21

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PARP11 protein

DATA:

Immunohistochemical analysis of CD79a staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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