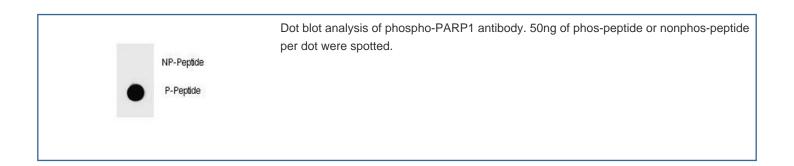


Phospho-PARP1 Antibody (pS864) (F48731)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F48731-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F48731-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| Availability | 1-3 business days |
|----------------------|---|
| Species Reactivity | Human |
| Predicted Reactivity | Bovine, Hamster, Mouse, Rat |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | P09874 |
| Applications | Dot Blot : 1:500 |
| Limitations | This phospho-PARP1 antibody is available for research use only. |



Description

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes.

Application Notes

Titration of the phospho-PARP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-PARP1 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS864 of human PARP1.

Storage

Aliquot the phospho-PARP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.