



# TAB182 Polyclonal Antibody

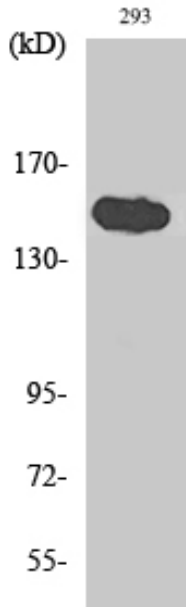
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-04234                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | TNKS1BP1                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Name       | 182 kDa tankyrase-1-binding protein                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human TNKS1BP1. AA range:1601-1650                                                                                                                                                                                                                                                                                                                                           |
| Specificity        | TAB182 Polyclonal Antibody detects endogenous levels of TAB182 protein.                                                                                                                                                                                                                                                                                                                                                                          |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                          |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                            |
| Dilution           | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                              |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms           | TNKS1BP1; KIAA1741; TAB182; 182 kDa tankyrase-1-binding protein                                                                                                                                                                                                                                                                                                                                                                                  |
| Observed Band      | 150kD                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cell Pathway       | Nucleus. Cytoplasm, cytoskeleton. Chromosome. Colocalizes with chromosomes during mitosis, and in the cytoplasm with cortical actin.                                                                                                                                                                                                                                                                                                             |
| Tissue Specificity | Detected in testis, ovary, lung, skeletal muscle, heart, prostate and pancreas, and at very low levels in brain and peripheral blood leukocytes.                                                                                                                                                                                                                                                                                                 |
| Function           | PTM:ADP-ribosylated by TNKS1 (in vitro).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Colocalizes with chromosomes during mitosis, and in the cytoplasm with cortical actin.,subunit:Binds to the ANK repeat domain of TNKS1 and TNKS2.,tissue specificity:Detected in testis, ovary, lung, skeletal muscle, heart, prostate and pancreas, and at very low levels in brain and peripheral blood leukocytes., |
| Background         | PTM:ADP-ribosylated by TNKS1 (in vitro).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Colocalizes with chromosomes during mitosis, and in the cytoplasm with cortical actin.,subunit:Binds to the ANK repeat domain of TNKS1 and TNKS2.,tissue                                                                                                                                                               |

Nanjing BYabscience technology Co.,Ltd

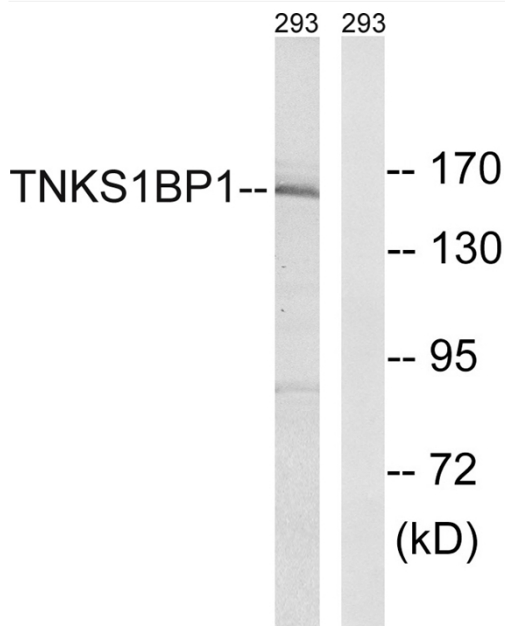
|                           |                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | specificity:Detected in testis, ovary, lung, skeletal muscle, heart, prostate and pancreas, and at very low levels in brain and peripheral blood leukocytes., |
| matters needing attention | Avoid repeated freezing and thawing!                                                                                                                          |
| Usage suggestions         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                             |
|                           |                                                                                                                                                               |
|                           |                                                                                                                                                               |



## Products Images



Western Blot analysis of various cells using TAB182 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from 293 cells, using TNKS1BP1 Antibody. The lane on the right is blocked with the synthesized peptide.

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658