



# Thioredoxin Interacting Protein Rabbit pAb

|                    |                                                                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-17852                                                                                                                                                                                                                                                                             |
| Isotype            | IgG                                                                                                                                                                                                                                                                                    |
| Reactivity         | Human,Mouse,Rat                                                                                                                                                                                                                                                                        |
| Applications       | WB,IHC-P,ICC/IF,FC                                                                                                                                                                                                                                                                     |
| Gene Name          | TXNIP                                                                                                                                                                                                                                                                                  |
| Alternative Names  | HHCPA78; THIF; TXNIP; VDUP1                                                                                                                                                                                                                                                            |
| Research Field     | Signal Transduction                                                                                                                                                                                                                                                                    |
| Product Categories | Primary antibody                                                                                                                                                                                                                                                                       |
| Host               | Rabbit                                                                                                                                                                                                                                                                                 |
| Molecular Weight   | Calculated MW: 44 kDa; Observed MW: 53 kDa                                                                                                                                                                                                                                             |
| Clonality          | Polyclonal Antibody                                                                                                                                                                                                                                                                    |
| Clonality No.      | -                                                                                                                                                                                                                                                                                      |
| Dilution           | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100                                                                                                                                                                                                                         |
| Immunogen          | A synthesized peptide derived from human TXNIP                                                                                                                                                                                                                                         |
| Purification       | Affinity Chromatography                                                                                                                                                                                                                                                                |
| Conjugation        | Unconjugated                                                                                                                                                                                                                                                                           |
| Modification       | Unmodified                                                                                                                                                                                                                                                                             |
| Form               | Liquid                                                                                                                                                                                                                                                                                 |
| Buffer System      | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                     |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                   |
| Storage            | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                               |
| Background         | May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. |

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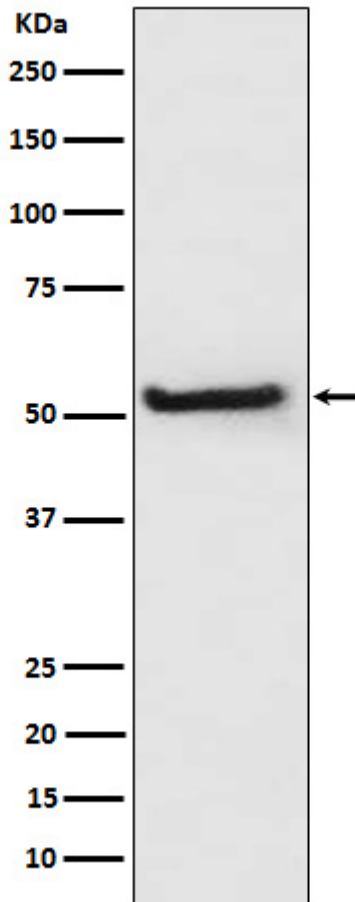
**matters needing attention**

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**



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