

**TOB1 (phospho Ser164) Polyclonal Antibody**

|                              |  |
|------------------------------|--|
| <b>Catalog No :</b>          | YP0835   |
| <b>Reactivity :</b>          | Human;Mouse;Rat  |
| <b>Applications :</b>        | WB;IHC;IF;ELISA  |
| <b>Target :</b>              | TOB1   |
| <b>Fields :</b>              | >>RNA degradation  |
| <b>Gene Name :</b>           | TOB1   |
| <b>Protein Name :</b>        | Protein Tob1   |
| <b>Human Gene Id :</b>       | 10140  |
| <b>Human Swiss Prot No :</b> | P50616   |
| <b>Mouse Swiss Prot No :</b> | Q61471   |
| <b>Rat Swiss Prot No :</b>   | Q8R5K6   |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human TOB1 around the phosphorylation site of Ser164. AA range:130-179 |
| <b>Specificity :</b>         | Phospho-TOB1 (S164) Polyclonal Antibody detects endogenous levels of TOB1 protein only when phosphorylated at S164.                        |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG   |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                      |
| <b>Concentration :</b>       | 1 mg/ml  |

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 40kD

**Background :** This gene encodes a member of the transducer of erbB-2 /B-cell translocation gene protein family. Members of this family are anti-proliferative factors that have the potential to regulate cell growth. The encoded protein may function as a tumor suppressor. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],

**Function :** function:Anti-proliferative protein that interacts with the erbB-2 receptor tyrosine kinase. May physically and/or functionally interact with protein-tyrosine kinase receptors.,PTM:Phosphorylated on Ser and Thr residues.,similarity:Belongs to the BTG family.,subunit:Interacts with CNOT7.,tissue specificity:Ubiquitous.,

**Subcellular Location :** Cytoplasm . Nucleus . Only a small fraction localizes to the cytoplasm except in late S-phase where more than half of proteins become cytoplasmic. .

**Expression :** Ubiquitous.

**Tag :** orthogonal

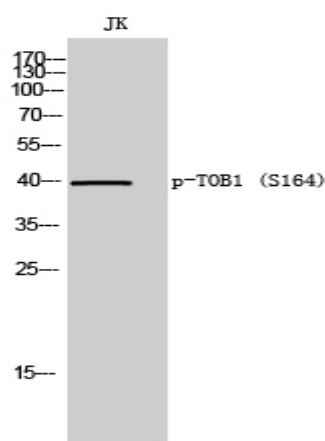
**Sort :** 17269

**No4 :** 1

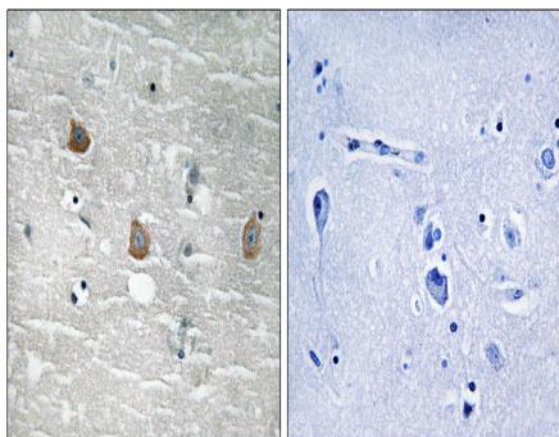
**Host :** Rabbit

**Modifications :** Phospho

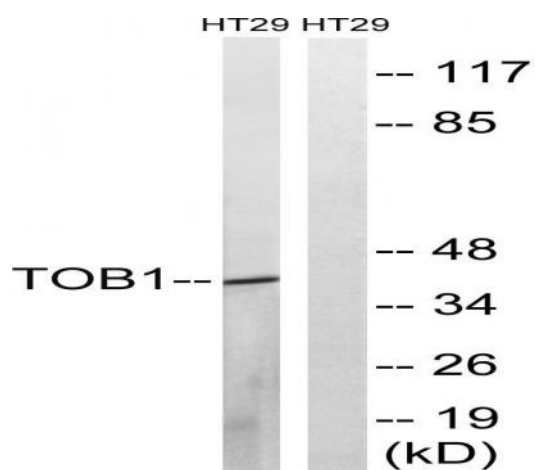
## Products Images



Western Blot analysis of JK cells using Phospho-TOB1 (S164) Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using TOB1 (Phospho-Ser164) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HT29 cells treated with serum 20% 15', using TOB1 (Phospho-Ser164) Antibody. The lane on the right is blocked with the phospho peptide.