

## **TOB1** (phospho Ser164) Polyclonal Antibody

Catalog No: YP0835

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: TOB1

**Fields:** >>RNA degradation

P50616

Q61471

Gene Name: TOB1

Protein Name: Protein Tob1

Human Gene Id: 10140

**Human Swiss Prot** 

Idiliali Swiss Fiot

No:

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: Q8R5K6

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

TOB1 around the phosphorylation site of Ser164. AA range:130-179

**Specificity:** Phospho-TOB1 (S164) Polyclonal Antibody detects endogenous levels of TOB1

protein only when phosphorylated at S164.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution :** WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



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.,

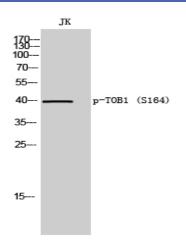
Subcellular Location:

Cytoplasm . Nucleus . Only a small fraction localizes to the cytoplasm except in

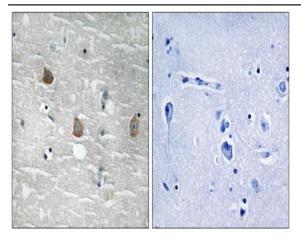
late S-phase where more than half of proteins become cytoplasmic. .

**Expression:** Ubiquitous.

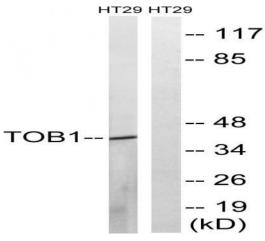
## **Products Images**



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.