

## SPOP

**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:2000

**Calculated MW:**42kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human SPOP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

TEF2; BTBD32;

**Catalog #:**A7621

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8405

**Isotype:**IgG

**Swiss Prot:**Q6ZWS8

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein.

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