

## Datasheet

### SPOP purified MaxPab rabbit polyclonal antibody (D01P)

**Catalog Number:** H00008405-D01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human SPOP protein.

**Immunogen:** SPOP (NP\_001007227.1, 1 a.a. ~ 374 a.a) full-length human protein.

**Sequence:**

MSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMW  
TINNFSFCREEMGEVIKSSTFSSGANDKLKWLVRNP  
KGLDEESKDYLSTLYLLLVSCPKSEVRKFKFSILNAKG  
EETKAMESQRAYRFVQGDWGFKKFIRRDFFLLDEAN  
GLLPDDKLTLCFESVSVQDSVNISGQNTMNMVKVPEC  
RLADELGGLWENSRTDCCLCVAGQEFQAHKAILAAR  
SPVFSAMFEHEMESKKNRVEINDVEPEVFKEMMCFI  
YTGKAPNLDKMADDLLAAADKYALERLKMVEDALCS  
NLSVENAAEILADLHSAQLKTQAVDFINYHASDVLE  
TSGWKSMVVSHPHLVAEAYRSLASACPFPGPPRKR  
LKQS

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 8405

**Gene Symbol:** SPOP

**Gene Alias:** TEF2

**Gene Summary:** 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. [provided by RefSeq]