

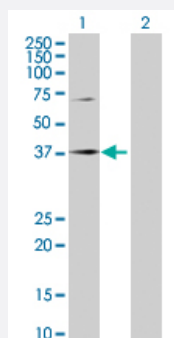
MaxPab®

SPOP purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008405-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SPOP expression in transfected 293T cell line ([H00008405-T02](#)) by SPOP MaxPab polyclonal antibody.

Lane 1: SPOP transfected lysate(42.10 KDa).

Lane 2: Non-transfected lysate.

Specification

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

MSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMWTINNFSCREEMGEVIKSSTFSSGANDK
LKWCLRVNPKGLDEESKDYLSTLLVSCPKSEVRAKFKFSILNAKGEEKAMESQRAYRFVQG
KDWGFKKFIRDFLLDEANGLLPDDKLTLCFESVSVQDSVNISGQNTMNMVKVPECRLADELGG
LWENSRTDCCLCVAGQEFQAHKAILAARSPVFSAMFEHEMEESSKKNRVEINDVEPEVFKEMM
CFIYTGKAPNLDKMADDLLAAADKYALERLKMVEDALCSNLSVENAAEILADLHSADQLKTQA
VDFINYHASDVLETSGWKSMVVSHPHLVAEAYRSLASACPFGLGPPRKRLKQS

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (100); Rat (100)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

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[Protocol Download](#)

Gene Info — SPOP

Entrez GeneID [8405](#)

GeneBank Accession# [NM_001007226.1](#)

Protein Accession# [NP_001007227.1](#)

Gene Name SPOP

Gene Alias TEF2

Gene Description speckle-type POZ protein

Omim ID [602650](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations -

Disease

- [Tobacco Use Disorder](#)