

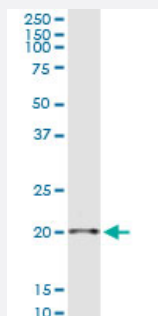
MaxPab®

# SAP18 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010284-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of SAP18 transfected lysate using anti-SAP18 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SAP18 purified MaxPab mouse polyclonal antibody (B01P) ([H00010284-B01P](#)).

## Specification

|                               |                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Rabbit polyclonal antibody raised against a full-length human SAP18 protein.                                                                                       |
| Immunogen                     | SAP18 (NP_005861.1, 1 a.a. ~ 153 a.a) full-length human protein.                                                                                                   |
| Sequence                      | MAVESRVTQEEIKKEPEKPIDREKTCPLLLRVFTTNNGRHHRMDEFSGRGNVPSSSELQIYTWMDAT<br>LKELTSLVKEVYPEARKKGTHFNFAVFTDVKRPGYRVKEIGSTMSGRKGTDDSMTLQSQKFQIGD<br>YLDIAITPPNRAPPPSGRMRPY |
| Host                          | Rabbit                                                                                                                                                             |
| Reactivity                    | Human                                                                                                                                                              |
| Interspecies Antigen Sequence | Mouse (98); Rat (98)                                                                                                                                               |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                            |
| Storage Buffer                | No additive                                                                                                                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                           |

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[Protocol Download](#)

## Gene Info — SAP18

Entrez GeneID [10284](#)

GeneBank Accession# [NM\\_005870.3](#)

Protein Accession# [NP\\_005861.1](#)

Gene Name SAP18

Gene Alias 2HOR0202, MGC27131, SAP18P

Gene Description Sin3A-associated protein, 18kDa

Omim ID [602949](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP30, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. A pseudogene has been identified on chromosome 2. [provided by RefSeq]

**Other Designations** OTTHUMP00000018107|cell growth inhibiting protein 38|histone deacetylase complex subunit SAP18|sin3-associated polypeptide, p18

## Publication Reference

- [Global tumor protein p53/p63 interactome: making a case for cisplatin chemoresistance.](#)

Huang Y, Jeong JS, Okamura J, Sook-Kim M, Zhu H, Guerrero-Preston R, Ratovitski EA.

Cell Cycle 2012 Jun; 11(12):2367.

Application: WB, IP, Human, SCC cell