

# Obg-like ATPase 1 Polyclonal Antibody

Catalog No: #42278

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

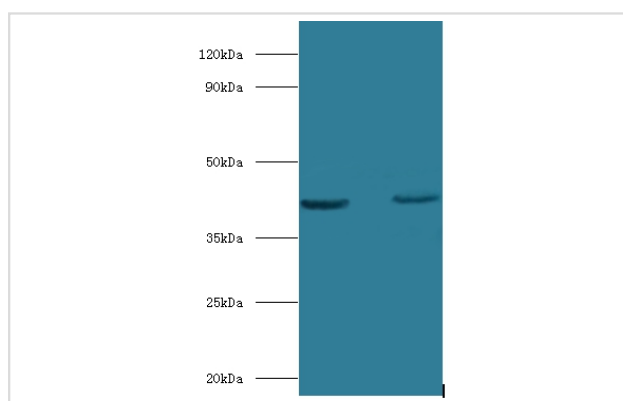
## Description

Product Name	Obg-like ATPase 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Obg-like ATPase 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Obg-like ATPase 1 protein
Target Name	Obg-like ATPase 1
Other Names	DNA damage-regulated overexpressed in cancer 45 GTP-binding protein 9 OLA1 GTPBP9 PRO2455, PTD004
Accession No.	Swiss-Prot#: Q9NTK5
Calculated MW	45kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes:Obg-like ATPase 1 antibody at 2ug/ml  
Lane 1: HepG2 whole cell lysate  
Lane 2:mouse stomach tissue  
Secondary  
Goat polyclonal to Rabbit IgG at 1/10000 dilution  
Predicted band size:45kDa  
Observed band size:45kDa

## Background

Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP.

## References

[1]"DOC45, a novel DNA damage-regulated nucleocytoplasmic ATPase that is overexpressed in multiple human malignancies." Sun H., Luo X., Montalbano J., Jin W., Shi J., Sheikh M.S., Huang Y. Mol. Cancer Res. 8:57-66(2010)

## Published Papers

et al., HIV p17 enhances T cell proliferation by suppressing autophagy through the p17-OLA1-GSK3 $\epsilon$ -Y axis under nutrient starvation. In J Med Virol on 2021 Jun by Jing Lu,

Jiayuan Jia,et al..PMID:32790080, , (2021)

[PMID:32790080](#)

et al., HIV p17 enhances T cell proliferation by suppressing autophagy through the p17-OLA1-GSK3 $\beta$  axis under nutrient starvation. In J Med Virol on 2020 Aug 13 by Jing Lu, Jiayuan Jia, et al..PMID:32790080, , (2020)

[PMID:32790080](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.