

# OSGEP Rabbit pAb

Catalog No.: A7473

## Basic Information

### Observed MW

36kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Predicted to enable N(6)-L-threonylcarbamoyladenine synthase activity and metal ion binding activity. Involved in tRNA threonylcarbamoyladenine modification. Located in cytoplasm; nuclear speck; and plasma membrane. Part of EKC/KEOPS complex. Implicated in Galloway-Mowat syndrome 3.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

55644

### Swiss Prot

Q9NPF4

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human OSGEP (NP\_060277.1).

### Synonyms

KAE1; TCS3; GCPL1; GAMOS3; OSGEP1; PRSMG1; OSGEP

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

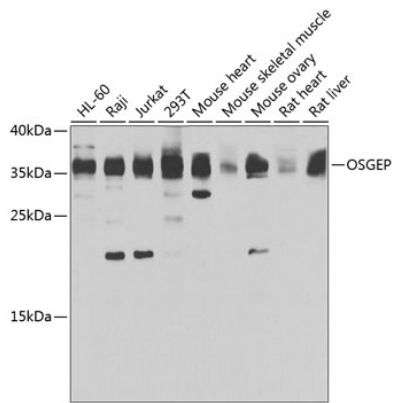
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using OSGEP antibody (A7473) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.