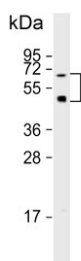


## OASIS Antibody / CREB3L1 (F54862)

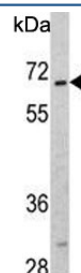
Catalog No.	Formulation	Size
F54862-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54862-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

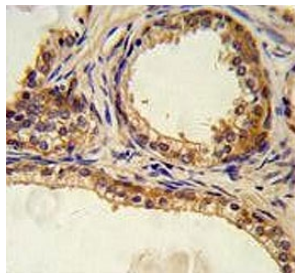
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q96BA8
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1:50-1:100 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Western Blot : 1:2000-1:8000
<b>Limitations</b>	This OASIS antibody is available for research use only.



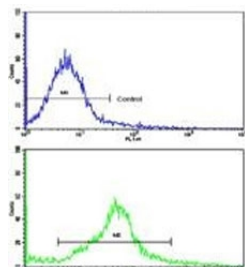
Western blot testing of human HepG2 cell lysate with OASIS antibody. Predicted molecular weight ~57 kDa. The ~47 kDa isoform may also be visualized.



Western blot testing of mouse stomach tissue lysate with OASIS antibody. Predicted molecular weight ~57 kDa. The ~47 kDa isoform may also be visualized.



IHC testing of FFPE human prostate carcinoma tissue with OASIS antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HeLa cells with OASIS antibody; Blue=isotype control, Green= OASIS antibody.

## Description

CREB3L1 is a transcription factor that acts during endoplasmic reticulum stress by activating unfolded protein response target genes. It is specifically involved in ER-stress response in astrocytes in the central nervous system (By similarity). It may play a role in gliosis. In vitro, it binds to box-B element, cAMP response element (CRE) and CRE-like sequences, and activates transcription through box-B element but not through CRE.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the OASIS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 481-509 from the human protein was used as the immunogen for the OASIS antibody.

## Storage

Aliquot the OASIS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.