

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-SAP30L Antibody

ORDERING INFORMATION

Catalog No.: 28113

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

A novel TGF-beta up-regulated mRNA species, the Sin3-associated protein 30-like, SAP30L has been identified. The predicted nuclear localization signal of SAP30L is sufficient for nuclear transport of the protein although mutating it does not completely remove SAP30L from the nuclei. By reason of its nuclear localization and close homology to SAP30, it is thought that SAP30L might have a role in recruiting the Sin3-histone deacetylase complex to specific co-repressor complexes in response to TGF-beta, leading to the silencing of proliferation-driving genes in the differentiating intestinal epithelial cells.

BACKGROUND REFERENCE

Lindfors, K. et al. BMC Genomics 4 (1), 53 (2003).

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

SPECIFICATION SUMMARY

Immunogen: Synthetic peptide corresponding to amino acids 165-183 (VKS NKSRLDQKSEGGKQLE) of human SAP30L conjugated to KLH at the N-terminus.

Host Species: Rabbit

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody detects wild-type transfected, endogenous, or GST-SAP30L fusion protein in human cell lines.

APPLICATIONS

Immunoblotting: use at 1:500 dilution. Bands of approximately 21-22 kDa (endogenous) and/or 30 kDa (wild-type transfected) are detected. Positive control: MCF7 or HEK293 cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.