

PLIN3 (Phospho-Tyr251) Antibody

Catalog No: #SAB619

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Description

Product Name	PLIN3 (Phospho-Tyr251) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	PLIN3(phospho-Tyr251) Antibody detects endogenous levels of PLIN3 only when phosphorylated at Tyr251.
Immunogen Description	A synthesized peptide derived from human PLIN3 around the phosphorylation site of Tyr251.
Other Names	PLIN3, M6PRBP1, TIP47, Placental protein 17
SDS-PAGE MW	47kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network.

Published Papers

et al., Choline kinase alpha 2 acts as a protein kinase to promote lipolysis of lipid droplets. In Mol Cell on 2021 Jul 1 by Rui Liu, Jong-Ho Lee, et al.. PMID:34077757, , (2021)

[PMID:34077757](https://pubmed.ncbi.nlm.nih.gov/34077757/)

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