

Anti-Phospho-PLIN1 (S522) Antibody

Catalog Number: P03918

About PLIN1

Perilipin, also known as lipid droplet-associated protein or PLIN, is a protein that, in humans, is encoded by the PLIN gene. The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis.

Overview

Product Name	Anti-Phospho-PLIN1 (S522) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PLIN1 (S522) Antibody catalog # P03918. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O60240

Technical Details

Immunogen	A synthesized peptide derived from human Perilipin-1 around the phosphorylation site of Ser522.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Immunohistochemistry, 1:50-400

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