

ARG64214 anti-Perilipin 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Perilipin 1
Tested Reactivity	Hu
Predict Reactivity	Dog, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Perilipin 1
Species	Human
Immunogen	C-EPILGRAQYSQLRKK
Conjugation	Un-conjugated
Alternate Names	Perilipin-1; PERI; Lipid droplet-associated protein; PLIN; FPLD4

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 68 kDa	

Properties

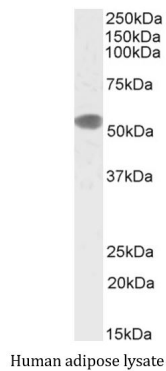
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5346 Human Swiss-port # O60240 Human
Background	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. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Feb 2009]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	56 kDa
PTM	Major cAMP-dependent protein kinase-substrate in adipocytes, also dephosphorylated by PP1. When phosphorylated, may be maximally sensitive to HSL and when unphosphorylated, may play a role in the inhibition of lipolysis, by acting as a barrier in lipid droplet (By similarity).

Images



ARG64214 anti-Perilipin 1 antibody WB image

Western blot: 35 µg of Human adipose lysate (in RIPA buffer) stained with ARG64214 anti-Perilipin 1 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.