

## ARG64173 anti-Perilipin 1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Perilipin 1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Perilipin 1
Species	Human
Immunogen	C-PREKPKRRVSDS
Conjugation	Un-conjugated
Alternate Names	Perilipin-1; PER1; Lipid droplet-associated protein; PLIN; FPLD4

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 µg/ml
	WB	0.01 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

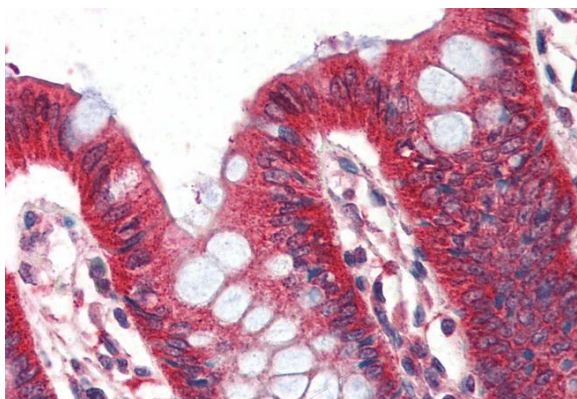
### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
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

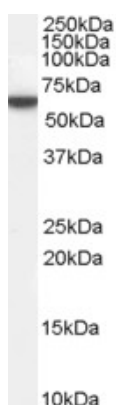
Database links	<a href="#">GeneID: 5346 Human</a> <a href="#">Swiss-port # O60240 Human</a>
Background	The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent 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



ARG64173 anti-Perilipin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64173 anti-Perilipin 1 antibody at 2 µg/ml dilution followed by AP-staining.



ARG64173 anti-Perilipin 1 antibody WB image

Western blot: 35 µg of Human Adipose lysate (in RIPA buffer) stained with ARG64173 anti-Perilipin 1 antibody at 0.01 µg/ml dilution and incubated at RT for 1 hour.