Datasheet for ABIN283919

anti-ADRP antibody (N-Term)

4 Publications

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Overview

Quantity:	50 µg
Target:	ADRP (PLIN2)
Binding Specificity:	AA 5-27, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADRP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	ADRP antibody was raised in mouse using a synthetic peptide corresponding to residues 5-27 from N-terminus of human adipophilin as the immunogen.
Clone:	AP125
Isotype:	IgG1
No Cross-Reactivity:	Cow (Bovine), Mouse (Murine)
Cross-Reactivity (Details):	Dog, human, rat. No reactivity with bovine and mouse.

Target Details

Target:	ADRP (PLIN2)

Target Details

Alternative Name:	ADRP (PLIN2 Products)
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Lipid Metabolism

Application Details

Application Notes:	IHC-F: 1:10 Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in dist. water (final solution contains 0.09 % NaN3, 0.5 % BSA in PBS buffer, pH 7.4)
Concentration:	Lot specific
Buffer:	Lyophilized.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.

Publications

Product cited in:	Arumugam, Talawar, Listenberger, Donohue, Osna, Kharbanda: "Role of Elevated Intracellular S-Adenosylhomocysteine in the Pathogenesis of Alcohol-Related Liver Disease." in: **Cells**, Vol. 9, Issue 6, (2020) (PubMed). Listenberger, Townsend, Rickertsen, Hains, Brown, Inwards, Stoeckman, Matis, Sampathkumar, Osna, Kharbanda: "Decreasing Phosphatidylcholine on the Surface of the Lipid Droplet Correlates with Altered Protein Binding and Steatosis." in: **Cells**, Vol. 7, Issue 12, (2018) (

PubMed).

Rasineni, McVicker, Tuma, McNiven, Casey: "Rab GTPases associate with isolated lipid droplets (LDs) and show altered content after ethanol administration: potential role in alcohol-impaired LD metabolism." in: **Alcoholism, clinical and experimental research**, Vol. 38, Issue 2, pp. 327-35, (2014) (PubMed).

Bandeira-Melo, Weller, Bozza: "Identifying intracellular sites of eicosanoid lipid mediator synthesis with EicosaCell assays." in: **Methods in molecular biology (Clifton, N.J.)**, Vol. 717, pp. 277-89, (2011) (PubMed).