

## Datasheet for ABIN285650 **anti-ADRP antibody (N-Term)**

[14 Images](#)[17 Publications](#)[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	ADRP (PLIN2)
Binding Specificity:	AA 1-29, N-Term
Reactivity:	Human
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	Adipophilin antibody was raised in guinea pig using a synthetic peptide corresponding to residues 1-29 of the N-terminus of human and murine adipophilin as the immunogen.
Purity:	Whole antiserum

### Target Details

Target:	ADRP (PLIN2)
Alternative Name:	Adipophilin ( <a href="#">PLIN2 Products</a> )
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Lipid Metabolism</a>

### Application Details

Application Notes:	IHC-F: 1:100, IHC-P: 1:100, WB: 1:2,000
--------------------	---

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: Lot specific

Buffer: Supplied as whole antiserum with 0.09 % NaN<sub>3</sub>.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

Storage: 4 °C

Storage Comment: Store at 4 °C

## Publications

---

Product cited in: Yuan, Klinkhammer, Lyu, Gao, Yuan, Hopkins, Zhang, De Langhe: "Temporospatial Expression of Fgfr1 and 2 During Lung Development, Homeostasis, and Regeneration." in: **Frontiers in pharmacology**, Vol. 11, pp. 120, (2020) ([PubMed](#)).

Ali, Assiri, Harris, Michel, Yun, Marentette, Huynh, Orlicky, Shearn, Saba, Reisdorph, Reisdorph, Hirschey, Fritz: "Quantifying Competition among Mitochondrial Protein Acylation Events Induced by Ethanol Metabolism." in: **Journal of proteome research**, Vol. 18, Issue 4, pp. 1513-1531, (2020) ([PubMed](#)).

Mardani, Tomas Dalen, Drevinge, Miljanovic, Ståhlman, Klevstig, Scharin Täng, Fogelstrand, Levin, Ekstrand, Nair, Redfors, Omerovic, Andersson, Kimmel, Borén, Levin: "Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart." in: **Scientific reports**, Vol. 9, Issue 1, pp. 6909, (2019) ([PubMed](#)).

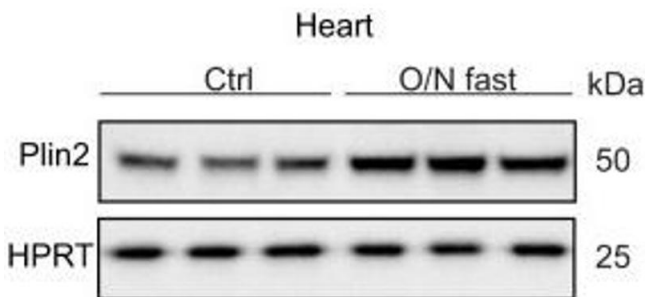
Sánchez-Danés, Larsimont, Liagre, Muñoz-Couselo, Lapouge, Brisebarre, Dubois, Suppa, Sukumaran, Del Marmol, Tabernero, Blanpain: "A slow-cycling LGR5 tumour population mediates basal cell carcinoma relapse after therapy." in: **Nature**, Vol. 562, Issue 7727, pp. 434-438, (2019) ([PubMed](#)).

Zwick, Rudolph, Shook, Holtrup, Roth, Lei, Van Keymeulen, Seewaldt, Kwei, Wysolmerski,

Rodeheffer, Horsley: "Adipocyte hypertrophy and lipid dynamics underlie mammary gland remodeling after lactation." in: **Nature communications**, Vol. 9, Issue 1, pp. 3592, (2018) ([PubMed](#)).

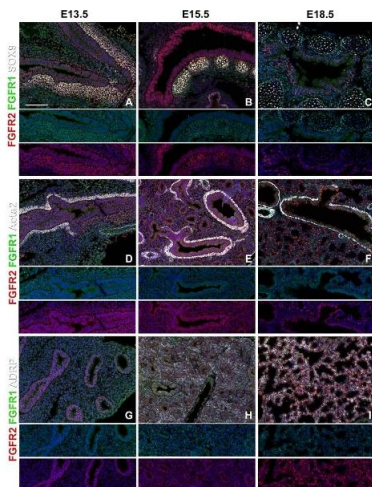
There are more publications referencing this product on: [Product page](#)

Images



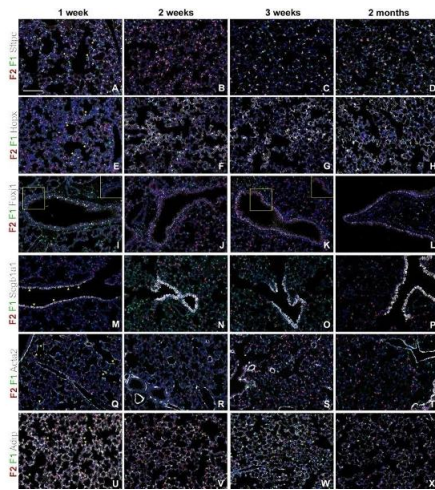
Western Blotting

**Image 1.** Regulation of Plin2: Immunoblot analysis of Plin2 (ABIN285650) using protein lysates from control (refed) and O/N fasted C57Bl/6N mice hearts (n = 3). Source: PMC6502866



Immunostaining

**Image 2.** Immunostaining for ADR (ABIN285650) see (D–I): Immunostaining on E13.5, E15.5, and E18.5 Fgfr1-Cerulean;Fgfr2-mCherry lungs for GFP (Fgfr1-Cerulean, green), RFP (Fgfr2-mCherry, red), Acta2 (white), or ADRP (white) (ABIN285650). Source: PMC7061767



### Immunostaining

**Image 3.** Fgfr1 and Fgfr2 expression during postnatal lung development. (A–X) Immunostaining on P7, P14, P21, and 2 month old Fgfr1-Cerulean;Fgfr2-mCherry lungs for GFP (Fgfr1-Cerulean, green), RFP (Fgfr2-mCherry, red), Sftpc (white), Hopx (white), Fox1 (white), Scgb1a1 (white), Acta2 (white), or ADRP (white) (using ABIN285650) (arrowheads indicate double labeled cells whereas frames show only GFP and RFP). Source: PMC7061767

Please check the [product details page](#) for more images. Overall 14 images are available for ABIN285650.