Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Phospho-AS160 (Thr642) Antibody

RRID:AB_10545274
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4288, RRID:AB_10545274

Antibody Information

URL: http://antibodyregistry.org/AB_10545274

Proper Citation: Cell Signaling Technology Cat# 4288, RRID:AB_10545274

Target Antigen: Phospho-AS160 (Thr642)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W

Antibody Name: Phospho-AS160 (Thr642) Antibody

Description: This polyclonal targets Phospho-AS160 (Thr642)

Target Organism: rat, (m, h, mouse, r), human

Antibody ID: AB_10545274

Vendor: Cell Signaling Technology

Catalog Number: 4288

Alternative Catalog Numbers: 4288S

Record Creation Time: 20250819T232715+0000

Record Last Update: 20250820T052311+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-AS160 (Thr642) Antibody.

No alerts have been found for Phospho-AS160 (Thr642) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Kopietz F, et al. (2025) Focal Adhesion Kinase Orchestrates GLUT4 Translocation and Glucose Uptake via Cytoskeletal Turnover in Primary Adipocytes. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(10), e70660.

Kumar A, et al. (2024) Lysosomal LRRC8 complex regulates lysosomal pH, morphology and systemic glucose metabolism. bioRxiv : the preprint server for biology.

Neuhaus M, et al. (2023) EHD2 regulates plasma membrane integrity and downstream insulin receptor signaling events. Molecular biology of the cell, 34(12), ar124.

Alghanem AF, et al. (2021) The SWELL1-LRRC8 complex regulates endothelial AKT-eNOS signaling and vascular function. eLife, 10.

Krycer JR, et al. (2020) Mitochondrial oxidants, but not respiration, are sensitive to glucose in adipocytes. The Journal of biological chemistry, 295(1), 99.

Kumar A, et al. (2020) SWELL1 regulates skeletal muscle cell size, intracellular signaling, adiposity and glucose metabolism. eLife, 9.

Kukreti H, et al. (2020) MicroRNA-34a causes ceramide accumulation and effects insulin signaling pathway by targeting ceramide kinase (CERK) in aging skeletal muscle. Journal of cellular biochemistry, 121(5-6), 3070.

Falc??o-Tebas F, et al. (2020) Maternal exercise attenuates the lower skeletal muscle glucose uptake and insulin secretion caused by paternal obesity in female adult rat offspring. The Journal of physiology, 598(19), 4251.

Jung SM, et al. (2019) Non-canonical mTORC2 Signaling Regulates Brown Adipocyte Lipid Catabolism through SIRT6-FoxO1. Molecular cell, 75(4), 807.

Sanchez-Gurmaches J, et al. (2018) Brown Fat AKT2 Is a Cold-Induced Kinase that Stimulates ChREBP-Mediated De Novo Lipogenesis to Optimize Fuel Storage and Thermogenesis. Cell metabolism, 27(1), 195.