9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-3213: Anti-SREBP2 Monoclonal Antibody(Clone: SREBP2/1579)

Clonality :	Monoclonal
Clone Name :	SREBP2/1579
Application :	ELISA,IF,WB
Reactivity :	Human
Gene :	SREBF2
Gene ID :	6721
Uniprot ID :	Q12772
Alternative Name :	AI608257; bHLHd2; Class D basic helix-loop-helix protein 2; OTTHUMP00000028740; Processed sterol regulatory element-binding protein 2; SRBP2_HUMAN; SREBF 2; Srebf2; SREBF2 protein; SREBP 2; SREBP2; SREBP2gc; sterol regulatory element binding factor 2; Sterol regulatory element binding transcription factor 2
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant full-length human SREBF2 protein

Description

The low density lipoprotein (LDL) receptor mediates the endocytic uptake of cholesterol-carrying lipoproteins, thereby controlling cholesterol levels in cells and plasma. Transcription of the LDL receptor gene is controlled by a ten base pair sequence in the 5' flanking region, designated sterol regulatory element 1 (SRE-1). When cellular sterol stores are depleted, the element is activated, the gene is transcribed and the cellular uptake of LDL increases. A set of SREbinding proteins (SREBPs) have been identified, including two basic helixloop-helix-leucine zipper (bHLH-zip) transcription factors, designated SREBP-1 and SREBP-2. SREBP-1 and SREBP-2 have been shown to have the same specificity for SRE-1 in vitro and to activate the transcription of reporter genes containing SRE-1 in the same way.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA); ,Immunofluorescence (1-2ug/ml); ,Western Blot (1-2ug/ml); ,

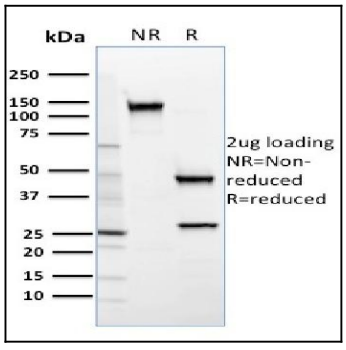

Fig. 1: SDS-PAGE Analysis Purified SREBP2 Mouse Monoclonal Antibody (SREBP2/1579). Confirmation of Purity and Integrity of Antibody.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.