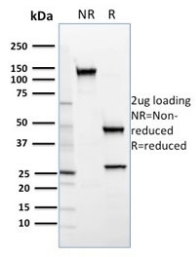
# SREBP2 Antibody / SREBF2 [clone SREBP2/1579] (V8100)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8100-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8100-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8100SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | SREBP2/1579 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Q12772 |
| **Applications** | ELISA (order BSA-free format for coating) |
| **Limitations** | This SREBP2 antibody is available for research use only. |




SDS-PAGE analysis of purified, BSA-free SREBP2 antibody (clone SREBP2/1579) as confirmation of integrity and purity.

## 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.

## Application Notes

Optimal dilution of the SREBP2 antibody should be determined by the researcher.

## Immunogen

A recombinant full-length human protein was used as the immunogen for this SREBP2 antibody.

## Storage

Store the SREBP2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


Copyright © NSJ Bioreagents. All rights reserved.