# SRBP2 rabbit pAb

## Cat#: orb771858 (Manual)

For research use only. Not intended for diagnostic use.

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| **Product Name** | SRBP2 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;ELISA |
| **Species Cross-Reactivity** | Human;Mouse;Rat |
| **Recommended dilutions** | WB 1:500-2000 ELISA 1:5000-20000 |
| **Immunogen** | Synthesized peptide derived from human protein . at AA range: 390-470 |
| **Specificity** | SRBP2 Polyclonal Antibody detects endogenous levels of protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Sterol regulatory element-binding protein 2 (SREBP-2) (Class D basic helix-loop-helix protein 2) (bHLHd2) (Sterol regulatory element-binding transcription factor 2) [Cleaved into: Processed sterol reg |
| **Gene Name** | SREBF2 BHLHD2 SREBP2 |
| **Cellular localization** | [Sterol regulatory element-binding protein 2]: Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, COPII-coated vesicle membrane ; Multi-pass membrane protein . At high sterol concentrations, the SCAP-SREBP is retained in the endoplasmic reticulum (PubMed:32322062). Low sterol concentrations promote recruitment into COPII-coated vesicles and transport of the SCAP-SREBP to the Golgi, where it is processed (PubMed:32322062). .; [Processed sterol regulatory element-binding protein 2]: Nucleus . Transported into the nucleus with the help of importin-beta. |

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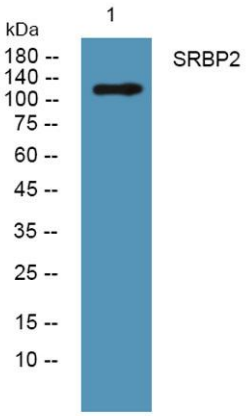
| | Dimerization of the bHLH domain is a prerequisite for importin beta-dependent nuclear import. . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 125kD |
| **Human Gene ID** | 6721 |
| **Human Swiss-Prot Number** | Q12772 |
| **Alternative Names** | |
| **Background** | This gene encodes a member of the a ubiquitously expressed transcription factor that controls cholesterol homeostasis by regulating transcription of sterol-regulated genes. The encoded protein contains a basic helix-loop-helix-leucine zipper (bHLH-Zip) domain and binds the sterol regulatory element 1 motif. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013], |




**Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4°over night**

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