

Rabbit anti-Human SREBF2 Polyclonal Antibody | anti-SREBF2 antibody

SREBF2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283317	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

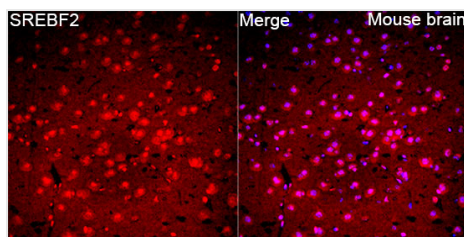
PRODUCT SYNONYMS

SREBF2; Polyclonal Antibody; SREBF2 Rabbit pAb; SREBP2; bHLHd2; SREBP-2; anti-SREBF2 antibody

PRODUCT SPECIFICATIONS

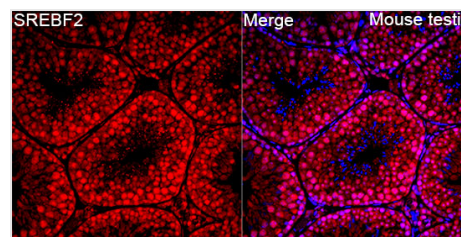
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Sequence	NKLLKGIDLG SLVDNEVDLK IEDFNQNVLL MSPPASDSGS QAGFSPYSID SEPGSPLLDD AKVKDEPDSP PVALGMVDRS RILLCVLTFL CLSFNPLTSL
Applicable Applications for anti-SREBF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 401-500 of human SREBF2 (NP_004590.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



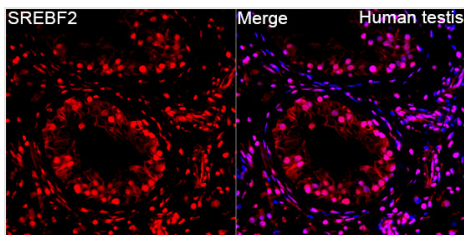
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse brain tissue using SREBF2 Rabbit pAb (AAA283317) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



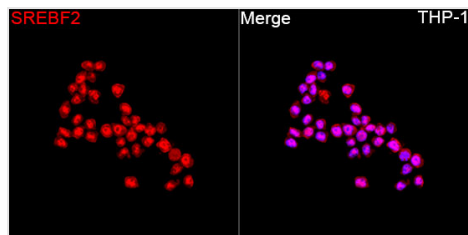
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse testis tissue using SREBF2 Rabbit pAb (AAA283317) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



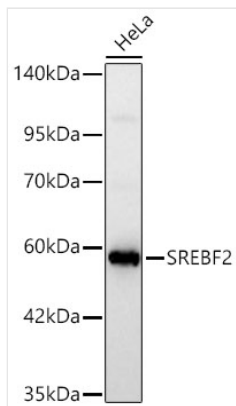
IF (Immunofluorescence)

Immunofluorescence analysis of Human testis tissue using SREBF2 Rabbit pAb (AAA283317) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using SREBF2 Rabbit pAb (AAA283317) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells using SREBF2 Rabbit pAb (AAA283317) at 1:1000 dilution incubated overnight at 4°. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60 s.

ADDITIONAL INFORMATION

Related Product Information for anti-SREBF2 antibody	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.
Product Categories/Family for anti-SREBF2 antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Cancer ; Endocrine Metabolism ; Lipid Metabolism ; Cholesterol Metabolism ; Warburg Effect ; Cardiovascular ; Lipids ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	451330
NCBI GeneID	6721
UniProt Accession #	Q12772 ; Q05BD5 ; Q6GTH7 ; Q86V36 ; Q9UH04
Molecular Weight	Calculated MW: 124kDa Observed MW: 58kDa
UniProt Protein Name	Sterol regulatory element-binding protein 2
UniProt Gene Name	SREBF2
UniProt Synonym Gene Names	BHLHD2; SREBP2; SREBP-2; bHLHd2
UniProt Entry Name	SRBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

