

Rabbit anti-Human SORBS1 Polyclonal Antibody | anti-SORBS1 antibody

Anti-SORBS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125475	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

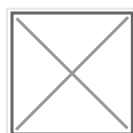
PRODUCT SYNONYMS

SORBS1; Polyclonal Antibody; Anti-SORBS1 Antibody; Sorbin and SH3 domain-containing protein 1; Ponsin; SH3 domain protein 5; SH3P12; c-Cbl-associated protein; CAP; KIAA0894; KIAA1296; SH3D5; anti-SORBS1 antibody

PRODUCT SPECIFICATIONS

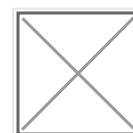
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	816
Applicable Applications for anti-SORBS1 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human SORBS1 recombinant protein (Position: Q23-R323).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

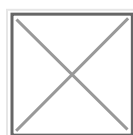


WB (Western Blot)

Figure 1. Western blot analysis of SORBS1 using anti-SORBS1 antibody.



IHC (Immunohistochemistry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-SORBS1 antibody	Description: Rabbit IgG polyclonal antibody for SORBS1 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Human. Background: CAP/Ponsinprotein, also known as Sorbin and SH3 domain-containing protein 1 is a protein that in humans is encoded by the SORBS1 gene. It is mapped to 10q24.1. This gene encodes a CBL-associated protein which functions in the signaling and stimulation of insulin. Mutations in this gene may be associated with human disorders of insulin resistance. Alternative splicing results in multiple transcript variants.
References	1. Lin, W.-H., Chiu, K. C., Chang, H.-M., Lee, K.-C., Tai, T.-Y., Chuang, L.-M. Molecular scanning of the human sorbin and SH3-domain-containing-1 (SORBS1) gene: positive association of the T228A polymorphism with obesity and type 2 diabetes. Hum. Molec. Genet. 10: 1753-1760, 2001. 2. Mastick, C. C., Brady, M. J., Saltiel, A. R. Insulin stimulates the tyrosine phosphorylation of caveolin. J. Cell Biol. 129: 1523-1531, 1995. 3. Ribon, V., Printen, J. A., Hoffman, N. G., Kay, B. K., Saltiel, A. R. A novel, multifunctional c-Cbl binding protein in insulin receptor signaling in 3T3-L1 adipocytes. Molec. Cell. Biol. 18: 872-879, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661700
NCBI GeneID	10580
NCBI Accession #	NP_056200.1
NCBI GenBank Nucleotide #	NP_056200.1
UniProt Accession #	Q9BX66
NCBI Official Full Name	sorbin and SH3 domain-containing protein 1 isoform 2
NCBI Official Synonym Full Names	sorbin and SH3 domain containing 1
NCBI Official Symbol	SORBS1
NCBI Official Synonym Symbols	CAP; FLAF2; R85FL; SH3D5; SORB1; SH3P12
NCBI Protein Information	sorbin and SH3 domain-containing protein 1
UniProt Protein Name	Sorbin and SH3 domain-containing protein 1
UniProt Gene Name	SORBS1
UniProt Synonym Gene Names	CAP
UniProt Entry Name	SRBS1_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.