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SORBS1 / Ponsin Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS11901

Specification

SORBS1 / Ponsin Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q9BX66
Reactivity	**Human, Monkey, Horse, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**143kDa KDa**

SORBS1 / Ponsin Antibody (Internal) - Additional Information

Gene ID 10580

Other Names
Sorbin and SH3 domain-containing protein 1, Ponsin, SH3 domain protein 5, SH3P12, c-Cbl-associated protein, CAP, SORBS1 (HGNC:14565)

Target/Specificity
Human SORBS1. This antibody is expected to recognise all 7 reported isoforms (NP_006425.2, NP_056200.1, NP_001030126.1, NP_001030127.1, NP_001030128.1, NP_079267.1 and NP_001030129.1).

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
SORBS1 / Ponsin Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SORBS1 / Ponsin Antibody (Internal) - Protein Information

Name SORBS1 (HGNC:14565)

Function
Plays a role in tyrosine phosphorylation of CBL by linking CBL to the insulin receptor. Required for insulin-stimulated glucose transport. Involved in formation of actin stress fibers and focal adhesions (By similarity).

Cellular Location
Cell junction, adherens junction. Cell membrane. Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Nucleus. Nucleus matrix. Note=Colocalizes with the Ten-1 ICD form of TENM1 in the nucleus (By similarity). Colocalizes with actin stress fibers. Also detected at the plasma membrane

and in neuronal intranuclear inclusions. Colocalized with PXN at focal adhesions during myogenic differentiation.

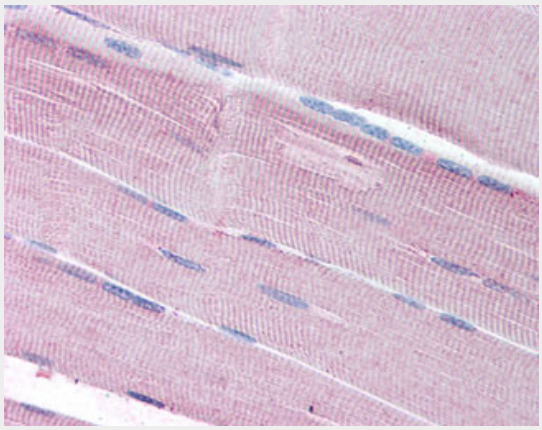
Tissue Location
Detected in skeletal muscle (at protein level). Widely expressed with highest levels in heart and skeletal muscle

SORBS1 / Ponsin Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SORBS1 / Ponsin Antibody (Internal) - Images



Anti-SORBS1 antibody IHC of human skeletal muscle.

SORBS1 / Ponsin Antibody (Internal) - Background

Plays a role in tyrosine phosphorylation of CBL by linking CBL to the insulin receptor. Required for insulin- stimulated glucose transport. Involved in formation of actin stress fibers and focal adhesions (By similarity).

SORBS1 / Ponsin Antibody (Internal) - References

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