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ZYX Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6854b

Specification

ZYX Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q15942

ZYX Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7791

Other Names
Zyxin, Zyxin-2, ZYX

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6854b was selected from the C-term region of human ZYX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZYX Antibody (C-term) Blocking Peptide - Protein Information

Name ZYX

Function
Adhesion plaque protein. Binds alpha-actinin and the CRP protein. Important for targeting TES and ENA/VASP family members to focal adhesions and for the formation of actin-rich structures. May be a component of a signal transduction pathway that mediates adhesion- stimulated changes in gene expression (By similarity).

Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton. Nucleus. Cell junction, focal adhesion. Note=Associates with the actin cytoskeleton near the adhesion plaques. Enters the nucleus in the presence of HESX1

ZYX Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ZYX Antibody (C-term) Blocking Peptide - Images

ZYX Antibody (C-term) Blocking Peptide - Background

ZYX binds alpha-actinin and the CRP protein. It may be a component of a signal transduction pathway that mediates adhesion-stimulated changes in gene expression.

ZYX Antibody (C-term) Blocking Peptide - References

Moon,H.S., et.al., Exp. Cell Res. 312 (17), 3425-3431 (2006)