

**ZYX Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6854b****Specification**

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**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](/products/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

**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)

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**

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

- [Blocking Peptides](#)