10320 Camino Santa Fe, Suite G
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Zyxin Antibody (clone 2D1)

Mouse Monoclonal Antibody

Catalog # ALS13440

Specification

Zyxin Antibody (clone 2D1) - Product Information

Application	**WB, IHC**
Primary Accession	Q15942
Reactivity	**Human, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**61kDa KDa**

Zyxin Antibody (clone 2D1) - Additional Information

Gene ID 7791

Other Names
Zyxin, Zyxin-2, ZYX

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
Zyxin Antibody (clone 2D1) is for research use only and not for use in diagnostic or therapeutic procedures.

Zyxin Antibody (clone 2D1) - 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

Zyxin Antibody (clone 2D1) - Protocols

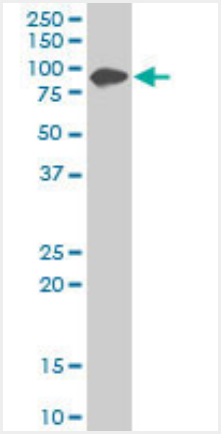
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

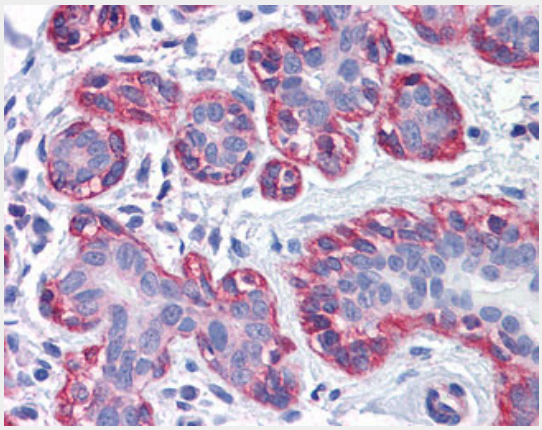
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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Zyxin Antibody (clone 2D1) - Images



ZYX monoclonal antibody, clone 2D1 Western blot of ZYX expression in NIH/3T3.



Anti-ZYX / Zyxin antibody IHC of human breast.

Zyxin Antibody (clone 2D1) - Background

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).

Zyxin Antibody (clone 2D1) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Hillier L.W.,et al.Nature 424:157-164(2003).

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