

Product Name: Zyxin (5F13) Rabbit Monoclonal Antibody
Catalog #: AMRe20330

Summary

Production Name	Zyxin (5F13) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	ZYX
Alternative Names	ESP2; HED2; ZYX; Zyxin2;
Gene ID	7791.0
SwissProt ID	Q15942.A synthetic peptide of human Zyxin

Application

Dilution Ratio	WB: 1:2000-1:10000
Molecular Weight	61kDa

Background

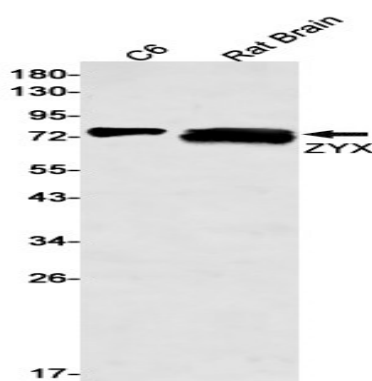
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Zyxin binds alpha-actinin and the CRP proteins and is implicated in the regulation and modulation of actin filaments organization, cell adhesion, cell motility, mitosis, and signal transduction. Zyxin may shuttle between focal adhesion plaques and the nucleus. It has been suggested that zyxin is involved in gene transcription by its association with transcription factors in the nucleus. 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).

Research Area

Image Data



Western blot detection of ZYX in C6,Rat Brain lysates using ZYX antibody(1:500 diluted).

Note

For research use only.