

Product Name: ZYX Rabbit Monoclonal antibody**Catalog #: AMRe02791**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.16mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 61 kDa; Observed MW: 78 kDa

Antigen Information

Gene Name	ZYX
Alternative Names	ESP2; HED2; ZYX; Zyxin2
Gene ID	7791
SwissProt ID	Q15942
Immunogen	A synthetic peptide of human Zyxin

Background

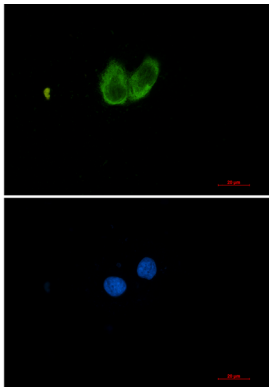
Zyxin binds alpha-actinin and the CRP proteins and is implicated in the regulation and modulation of actin filaments organization, cell adhesion, cell motility, mitosis, and signal transduction. Zyxin may shuttle between focal adhesion plaques

and the nucleus. It has been suggested that zyxin is involved in gene transcription by its association with transcription factors in the nucleus.

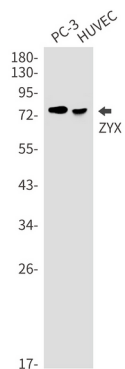
Research Area

Neuroscience

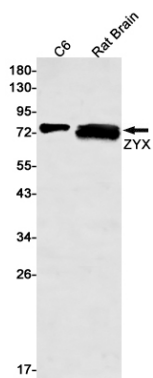
Image Data



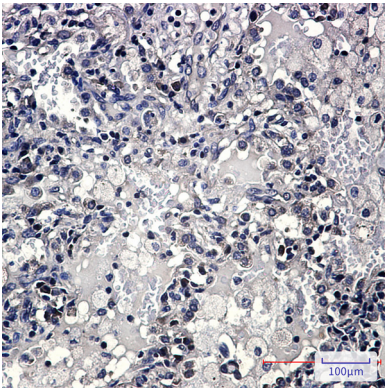
Immunocytochemistry analysis of ZYX (green) in Hela using ZYX antibody, and DAPI (blue).



Western blot analysis of ZYX in PC-3, HUVEC lysates using ZYX antibody.



Western blot analysis of ZYX in C6, rat Brain lysates using ZYX antibody



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Zyxin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.