

Rabbit Zyxin Polyclonal Antibody | anti-ZYX antibody

Phospho-Zyxin (Ser143) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328526	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Zyxin; Polyclonal Antibody; Phospho-Zyxin (Ser143) Antibody; ESP 2; ESP2; HED 2; HED2; ZYX protein; Zyxin 2; Zyxin2; anti-ZYX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-Zyxin (Ser143) Antibody detects endogenous levels of Zyxin only when phosphorylated at Ser143.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-ZYX antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Zyxin around the phosphorylation site of Ser143.
Subcellular Location	Nucleus; Cytoskeleton
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-Zyxin (Ser143) in lysates of Jurkat paclitaxel 1uM 24h, using Phospho-Zyxin (Ser143) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



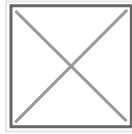
IHC (Immunohistochemistry)

At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining mouse lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-ZYX antibody

Description: 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).

Subunit Structure: Interacts with HPV type 6 protein E6. Does not interact significantly with E6 proteins from HPV types 11, 16, or 18. Interacts, via the Pro-rich regions, with the EVH1 domains of ENAH, EVL and VASP. Interacts with the first LIM domain of TES. Interacts with NEBL (isoform 2). Interacts with SYNPO2.

Similarity: Belongs to the zyxin/ajuba family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530845
NCBI GeneID	7791
NCBI Accession #	NP_001010972.1
NCBI GenBank Nucleotide #	NP_001010972.1
UniProt Accession #	Q15942
Molecular Weight	Observed: 80 kDa Predicted: 62 kDa
NCBI Official Full Name	zyxin isoform 1
NCBI Official Synonym Full Names	zyxin
NCBI Official Symbol	ZYX
NCBI Official Synonym Symbols	ESP-2; HED-2
NCBI Protein Information	zyxin
UniProt Protein Name	Zyxin
UniProt Gene Name	ZYX
UniProt Entry Name	ZYX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zyxin-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328526>