

ARG65106 anti-ZYX antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ZYX
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	WB
Specificity	Reported variants represent identical protein: NP_003452.1, NP_001010972.1
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ZYX
Species	Human
Immunogen	C-QQREKPRVQEKQH
Conjugation	Un-conjugated
Alternate Names	Zyxin; HED-2; ESP-2; Zyxin-2

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 7791 Human](#)

[Swiss-port # Q15942 Human](#)

Background

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Jul 2008]

Research Area

Gene Regulation antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

61 kDa

Images



ARG65106 anti-ZYX antibody WB image

Western Blot: Peripheral Blood Mononucleocytes lysate (35 μ g protein in RIPA buffer) stained with ARG65106 anti-ZYX antibody at 0.1 μ g/ml dilution.