

Product datasheet

Anti-Zyxin (phospho S142) antibody ab78910

1 References 1 Image

Overview

Product name	Anti-Zyxin (phospho S142) antibody
Description	Rabbit polyclonal to Zyxin (phospho S142)
Host species	Rabbit
Specificity	ab78910 detects endogenous levels of Zyxin only when phosphorylated at serine 142.
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Synthetic phosphopeptide derived from human Zyxin around the phosphorylation site of serine 142 (K-V-S ^P -S-I)
Positive control	Extracts from Jurkat cells treated with paclitaxel (1 uM, 24hours).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 0.87% Sodium chloride, PBS Without Mg ²⁺ and Ca ²⁺
Purity	Immunogen affinity purified
Purification notes	ab78910 was purified by affinity chromatography using an epitope specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab78910** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

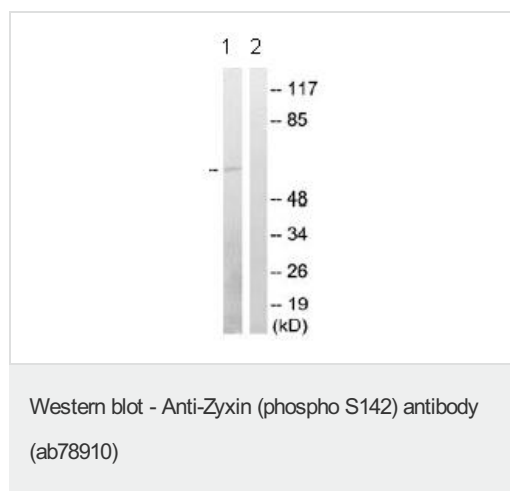
Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 61 kDa.
ELISA		1/10000.

Target

Relevance 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.

Cellular localization Cytoplasmic, cytoskeletal and Nuclear.

Images



All lanes : Anti-Zyxin (phospho S142) antibody (ab78910) at 1/500 dilution

Lane 1 : Extracts from Jurkat cells, treated with paclitaxel (1uM, 24hours)

Lane 2 : Extracts from Jurkat cells, treated with paclitaxel (1uM, 24hours) with immunising phosphopeptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 61 kDa

Observed band size: 61 kDa

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