

#### **International Office**

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# EB09730 - Goat Anti-ZYX Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: ZYX, zyxin, ESP-2, HED-2

Official Symbol: ZYX

Accession Number(s): NP\_003452.1

Human GenelD(s): 7791

Important Comments: Reported variants represent identical protein: NP\_003452.1,

NP\_001010972.1

#### **Immunogen**

Peptide with sequence C-QQREKPRVQEKQH, from the internal region of the protein sequence according to NP\_003452.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:4000.

**Western blot:** Approx 85kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 61.3kDa according to NP\_003452.1). This molecular weight is routinely observed by other sources. Recommended concentration:

0.1-0.3µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09730 (0.1μg/ml) staining of Peripheral Blood Mononucleocytes lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.