

## **International Office**

### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB11465 - Goat Anti-DvI1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** Dvl1, dishevelled, dsh homolog 1 (Drosophila), RP23-242K15.15-003, Dvl, mKIAA4029, DSH homolog 1, dishevelled-1, segment polarity protein dishevelled

homolog DVL-1

Official Symbol: Dvl1

Accession Number(s): NP\_034221.3; NP\_001343310.1 Non-Human GeneID(s): 13542 (mouse), 83721 (rat)

## **Immunogen**

Peptide with sequence C-PQLEEAPLTVKSD, from the internal region of the protein sequence according to NP\_034221.3; NP\_001343310.1.

Please note the <u>peptide</u> 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 1:16000.

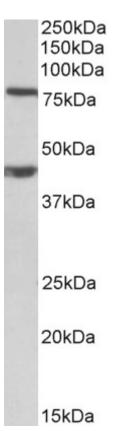
**Western blot:** Approx 80kDa band observed in lysates of cell line NIH3T3 (calculated MW of 75.4kDa according to NP\_034221.3). An additional band of unknown identity was also consistently observed at 45kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

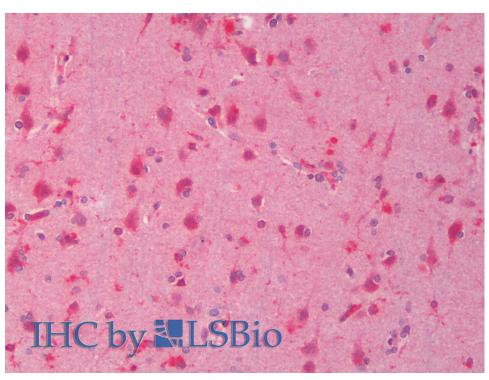
### **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB11465 (1 $\mu$ g/ml) staining of NIH3T3 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB11465 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.