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

EB07291 - Goat Anti-DTNBP1 / Dysbindin Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: DTNBP1, dystrobrevin binding protein 1, HGNC:17328, DKFZP564K192, FLJ30031, HPS7, MGC20210, My031, SDY, dysbindin
Official Symbol: DTNBP1
Accession Number(s): NP_115498.2; NP_898861.1
Human GeneID(s): 84062
Non-Human GeneID(s): 94245 (mouse), 641528 (rat)
Important Comments: This antibody is expected to recognise isoform a (NP_115498.2) and isoform b (NP_898861.1).

Immunogen

Peptide with sequence C-KTLSDKSREAKVK, from the internal region of the protein sequence according to NP_115498.2; NP_898861.1.

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 1:32000.
Western blot: Western Blot: Approx 35kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 39.5kDa according to NP_115498.2 and 34.8kDa according to NP_898861.1). Recommended concentration: 1-3µg/ml. A minor band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse, Rat
Expected from sequence similarity: Human, Mouse, Rat, Dog