

#### **International Office**

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# 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