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diagnostic or therapeutic use.**

EB07431 - Goat Anti-Dystonin / BPAG1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DST, dystonin, RP3-361114.2, BP240, BPA, BPAG1, CATX-15, D6S1101, DMH, FLJ46791, KIAA0465, KIAA1470, MACF2, OTTHUMP00000040015, bullous pemphigoid antigen 1, 230/240kDa, hemidesmosomal plaque protein

Official Symbol: DST

Accession Number(s): NP_899236.1; NP_056363.2;

Human GeneID(s): [667](#)

Non-Human GeneID(s): 13518 (mouse)

Important Comments: This antibody is expected to recognise isoforms 1 (NP_899236.1) and 1eA (NP_056363.2) only.

Immunogen

Peptide with sequence C-TPQRKSPASKLDK, from the C Terminus of the protein sequence according to NP_899236.1; NP_056363.2;.

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 1:64000.

Western blot: Western Blot: Preliminary experiments gave an approx 90kDa band in Mouse Brain lysates after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 630kDa according to NP_899236.1. The 90kDa band was successfully blocked by incubation with the immunizing 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:

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