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EB05318 - Goat Anti-DUSP8 / HVH5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DUSP8, dual specificity phosphatase 8, HB5, HVH8, HVH-5, H1 phosphatase, vaccinia virus homolog, serine/threonine specific protein phosphatase,

C11orf81, FLJ42476, FLJ42958, OTTHUMP00000164487

Official Symbol: DUSP8

Accession Number(s): NP_004411.2

Human GeneID(s): 1850

Non-Human GenelD(s): 18218 (mouse)

Important Comments: This antibody is also expected to recognise the hypothetical human protein similar to dual specificity phosphatase 8 (XM_114902), which is virtually

identical.

Immunogen

Peptide with sequence AGDRLPRKVMDAK-C, from the N Terminus of the protein sequence according to NP_004411.2.

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 55-58kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 65.8kDa according to Human NP_004411.2, 68.8kDa according to Mouse NP_032774.1 and 66.8kDa according to Rat NP_001101980.1).

Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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

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

EB05318 (2μg/ml) staining of Human Cerebellum (A), Mouse (B), and Rat (C) Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.