

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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 AGDRLPRKVM DAK-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

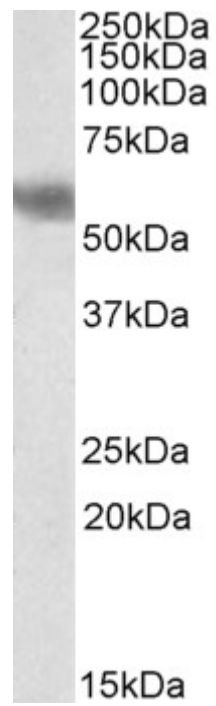
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**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



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