## Overview

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantity</strong></td>
<td>100 μg</td>
</tr>
<tr>
<td><strong>Target</strong></td>
<td>DUSP8</td>
</tr>
<tr>
<td><strong>Binding Specificity</strong></td>
<td>N-Term</td>
</tr>
<tr>
<td><strong>Reactivity</strong></td>
<td>Human, Mouse, Rat</td>
</tr>
<tr>
<td><strong>Host</strong></td>
<td>Goat</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Polyclonal</td>
</tr>
<tr>
<td><strong>Conjugate</strong></td>
<td>This DUSP8 antibody is un-conjugated</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Western Blotting (WB), ELISA</td>
</tr>
</tbody>
</table>

## Product Details

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purpose</strong></td>
<td>DUSP8 / HVH5</td>
</tr>
<tr>
<td><strong>Immunogen</strong></td>
<td>Peptide with sequence AGDRLPRKVMDAK-C, from the N Terminus of the protein sequence according to NP_004411.2.</td>
</tr>
<tr>
<td><strong>Sequence</strong></td>
<td>AGDRLPRKVM DAK</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG</td>
</tr>
<tr>
<td><strong>Specificity</strong></td>
<td>This antibody is also expected to recognise the hypothetical human protein similar to dual specificity phosphatase 8 (XM_114902), which is virtually identical.</td>
</tr>
<tr>
<td><strong>Cross-Reactivity</strong></td>
<td>Cow, Human, Mouse, Rat</td>
</tr>
<tr>
<td><strong>Purification</strong></td>
<td>Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.</td>
</tr>
</tbody>
</table>
## Product Details

| Grade       | Verified |

## Target Details

| Target     | DUSP8 |

| Alternative Name: | DUSP8 ([DUSP8 Products](#)) |

| Background: | DUSP8, dual specificity phosphatase 8, HB5, HVH8, HVH-5, H1 phosphatase, vaccinia virus homolog, serine/threonine specific protein phosphatase, C11orf81, FLJ42476, FLJ42958, OTTHUMP00000164487 |

| Gene ID: | 1850, 18218 |

| NCBI Accession: | NP_004411 |

## Application Details

| Application Notes: | Western Blot: Approx 55-58 kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 65.8 kDa according to Human NP_004411.2, 68.8 kDa according to Mouse NP_032774.1 and 66.8 kDa according to Rat NP_001101980.1 ). Recommended co Peptide ELISA: antibody detection limit dilution 1:4000. |

| Restrictions: | For Research Use only |

## Handling

| Format: | Liquid |

| Concentration: | 0.5 mg/mL |

| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |

| Preservative: | Sodium azide |

| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

| Handling Advice: | Minimize freezing and thawing. |

| Storage: | -20 °C |

| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |
**Western Blotting**

**Image 1.** ABIN184692 (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.

**Western Blotting**

**Image 2.** ABIN184692 staining (2µg/ml) of Human Heart lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.