

Goat anti-DUSP8 / HVH5 Antibody

Item Number	dAP-0072
Target Molecule	Principle Name: DUSP8 / HVH5; Official Symbol: DUSP8; All Names and Symbols: DUSP8; dual specificity phosphatase 8; HB5; HVH8; HVH-5; H1 phosphatase, vaccinia virus homolog; serine/threonine specific protein phosphatase; C11orf81; FLJ42476; FLJ42958; OTTHUMP00000164487; Accession Number (s): NP_004411.2; Human Gene ID(s): 1850; Non-Human GeneID(s): 18218 (mouse)
Immunogen	AGDRLPRKVMDAK, is from N Terminus This antibody is also expected to recognise the hypothetical human protein similar to dual specificity phosphatase 8 (XM_114902), which is virtually identical.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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 co
IHC	
Reference	Reference(s): Martell KJ, Seasholtz AF, Kwak SP, Clemens KK, Dixon JE. HVH-5: a protein tyrosine phosphatase abundant in brain that inactivates mitogen-activated protein kinase. <i>J Neurochem.</i> 1995 Oct;65(4):1823-33.. PMID: 7561881->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**