

Goat anti-HAP1 Antibody

Item Number	dAP-0967
Target Molecule	Principle Name: HAP1; Official Symbol: HAP1; All Names and Symbols: HAP1; huntingtin-associated protein 1 (neuroan 1); HAP2; HIP5; HLP; hHLP1; huntingtin-associated protein 1; huntingtin-associated protein 2; neuroan 1; Accession Number (s): NP_003940.2; NP_817084.1; Human Gene ID(s): 9001; Non-Human GenelD(s):
Immunogen	RYDFRYSEDREQ, is from internal region This antibody is expected to recognize all reported isoforms (NP_003940.1, NP_817084.1)
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Brain (Frontal Cortex and Hippocampus) lysates (calculated MW of 69.6kDa according to NP_817084.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown i
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Takeshita Y, Fujinaga R, Zhao C, Yanai A, Shinoda K. Huntingtin-associated protein 1 (HAP1) interacts with androgen receptor (AR) and suppresses SBMA-mutant-AR-induced apoptosis. <i>Hum Mol Genet</i> . 2006 Aug 1;15(15):2298-312. Epub 2006 Jun 16. PMID: 16782802 ->

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**